ANDAMIRO®

MUSICAL CHAIRS

Service Manual

STOP
IMPORTANT

- Please read the manual carefully and keep it in mind before using this machine.
- Put this manual within touch of you for your reference in anytime.

MUSICAL CHAIRS

PRECAUTIONS FOR USE

The following safety precautions are given throughout this manual. They must be strictly followed to protect those who install, use or maintain this product as well as to prevent other people s injuries and property damages.

Be sure to read the following

people's injuries and property damages.

- **The following suggestions show the degree of danger and damage caused**

⚠ WARNING
Indicates a situation where disregarding the suggestions could result in death or serious injury.

⚠ CAUTION
Indicates a situation where disregarding the suggestions could result in injury or product damage.

- **The following graphic suggestions describe the types of precautions to be followed.**

⚠
Indicates a matter of which care should be taken.

⊘
Indicates a matter which is forbidden.

Indicates a matter which should be performed without fail.

- **The following graphic suggestions describe the types of precautions to be followed.**

In this instruction manual, some procedures require a qualified in-shop maintenance person or industry specialist. For such instructions, a qualified person must take care of the jobs.

¥ Otherwise an electric shock, machine trouble, or a serious accident may result.

¥ Replacing the machine parts, inspecting and maintaining the machines, and troubleshooting must be assigned only to a qualified in-shop maintenance person or industry specialist. This booklet gives instructions that hazardous jobs in particular must be handled by an industry specialist. Qualified in-shop maintenance person and industry specialist are defined as follows.

Qualified in-shop maintenance person

¥ A qualified in-shop maintenance person must have experience in maintaining amusement machines. Under the supervision of an amusement machines shop owner or manager, he or she routinely assembles, installs, inspects and maintains the amusement machines, or replaces their component units and consumable parts, in the amusement machines workshop and/or location.

Jobs handled by qualified in-shop maintenance person

¥Assembling, installing, inspecting and maintaining amusement machines and replacing their component units and consumable parts.

Industry specialist

¥An industry specialist must be engaged in designing, manufacturing, inspecting and servicing amusement machines. Or he or she must have an education in electrical, electronic and mechanical engineering, and routinely maintain and repair amusement machines.

Jobs handled by industry specialist

¥Assembling and installing amusement machines and repairing and adjusting their electrical, electronic and mechanical component parts.

PRECAUTIONS FOR USE

Setting Up

⚠WARNING

Be sure to consult your nearest dealer when setting up, moving or transporting this product.
¥ This product should not be set up, moved or transported by any one other than an industry specialist. Doing so could result in injury or product damage.
¥ When installing this product, set the 4 leg levelers evenly on the floor and make sure that the product is installed stably in a horizontal position. Unstable installation may result in injury or accident.
¥ When installing this product, use caution not to apply undue force to opening and closing parts and other movable parts. Otherwise, injury and accident may result, or the product may be damaged.

This product is an indoor game machine. Never set the game machine up outside.
¥ Setting this product up outside could result in accidents or equipment failure.

Do not set the game machine up near emergency exits.
¥ Doing so could block exits in time of emergency and could result in death or serious injury.

Do not set the game machine up.
1. In a place exposed to rain or moisture.
2. In a place exposed to direct sunlight.
3. In a place exposed to direct heat from air-conditioning and heating equipment, etc..
4. Near hazardous flammable substance such as thinner and kerosene.

¥ Otherwise an accident or malfunction may result.

Do not place containers holding chemicals or water on or near the game machine.
¥ Electrical shock or damage could be caused by water or foreign matter entering the inside of the machine.

Do not place objects near the ventilating holes.
¥ Doing so could cause the internal temperature to rise excessively, resulting in fire or equipment failure.

Do not bend the power cord by force or place heavy objects on it.
¥ Doing so could result in electrical shock or fire.

Never plug or unplug the power cord with wet hands.
¥ Doing so could result in electrical shock or fire.

Never unplug the game machine by pulling the power cord.
¥ Doing so could damage the cord, resulting in electrical shock or fire.

⚠CAUTION

Be sure to use indoor wiring for within the specified voltage range. For extension cord, use indoor wiring of the specified rating or more.
¥ Failure to do so could result in fire or equipment failure.

Be sure to use the attached power cord.
¥ Otherwise a fire or machine trouble may result.

Never plug more than one cord at a time in the electrical receptacle.
¥ Doing so could result in fire or electrical shock.

Do not lay the power cord where people walk through. You may trip on or stumble over the cord.
¥ You may stumble down and get injured, or damage the power cord.

Be sure to ground this product.
¥ Otherwise an electrical shock or machine trouble may be caused.

Do not apply a strong force for moving the machine.
¥ Otherwise, it may result in an accident or breakage of the units.

Clearance of 100 mm (3.94in) or more should be created between the game machine and walls.
¥ Otherwise the machine (s) cannot be ventilated well, resulting in malfunction.

Do not change the DIP switch setting of this product to other than factory setting.
¥ Otherwise, the game can not be played properly.

PRECAUTIONS FOR USE

Operation

⚠WARNING

If there is any abnormality such as smoke, bad smell or abnormal noise being emitted from the machine, immediately turn OFF the main power switch and unplug the power cord from the receptacle to stop operating it.

¥ Using the machine in abnormal conditions could result in fire or accidents.

In case of abnormality

1. Turn OFF the main power switch.
2. Unplug the power cord from the receptacle.
3. Contact your nearest dealer.

Do not leave the power cord plugged in improperly or covered with dust.

¥ Doing so could result in electrical shock or fire, so inspect the power cord periodically.

When the upper door is open.

¥ Never touch the clasp bar of the upper door.

¥ Never put on the keyboard anything other than globe-shaped prize.

¥ Othwewise it may result in an unexpected accident.

Don't put on the keyboard more than 2kgs of prize weight.

¥ Otherwise it may cause property damages.

⚠CAUTION

Do not use this product anywhere other than industrial areas.

¥ Using in a residential area or an area next to a residential area could affect signal reception of radios, television sets, telephones, etc..

Do not give impact to the glass cover.

¥ Otherwise, it may result in an unexpected accident or injury.

¥ Please do not play this game if
1 you have been drinking.
2 you are tired or sick or have been recently sick.
3 you think you might be pregnant.
4 you have a pace maker.

¥ This game is designed for one player only. Do not play with 2 or more people.

¥ When playing, please be aware of your surroundings.

Do not plug or unplug the power cord with wet hands.

¥ Doing so could result in electrical shock.

In handling the power cord, follow the instructions below.

¥ Otherwise, fire or electrical shock may result.

If the power cord or power plug becomes

- ¥ Do not damage the power cord.
- ¥ Do not modify the power cord.
- ¥ Do not bend the power cord excessively.
- ¥ Do not twist the power cord.
- ¥ Do not heat the power cord.
- ¥ Do not pull the power cord.
- ¥ Do not bind the power cord.
- ¥ Do not stand on the power cord.
- ¥ Do not sandwich the power cord.
- ¥ Do not drive a nail into the power cord.

damaged, stop using the machine immediately and ask your nearest dealer to replace the parts.

¥ Using a damaged power cord or power plug could result in fire or electrical shock.

PRECAUTIONS FOR USE

Inspection and cleaning

⚠WARNING

Be sure to turn OFF the main power switch and unplug the power cord from the receptacle before inspecting or cleaning the machine.

¥Failure to do so could result in electrical shock.

When replacing parts, be sure to use parts of the correct specifications. Never use parts other than the specified ones.

¥Using improper parts could result in fire or equipment failure.

¥Otherwise an accident or electric shock may result.

If the sub power switch of the service panel is turned OFF without turning OFF the main power switch of the power supply unit, some parts in the units remain live. When opening the back door, be sure to turn OFF the main power switch and unplug the power cord from the receptacle.

¥Otherwise, there may be danger an accident or electric shock.

Strictly refrain from disassembly and repair of parts which are not indicated in this manual, as well as settings and remodeling.

¥Otherwise, a fire, malfunction or trouble may result. In case of any trouble, ask your nearest dealer for repairs and other services. ANDAMIRO will not resume any responsibility for the damage to the product attributable to disassembly and repair of parts which are not indicated in this manual, as well as settings and remodeling.

To clean the game machine, wipe it with a soft cloth dampened in a neutral detergent.

¥Using thinner of other organic solvent or alcohol may decompose the material.

¥Electrical shock or equipment failure could be caused by water entering the inside of the machine.

Moving and transportation

⚠CAUTION

The game machine contains parts such as electronic components and precision components which are sensitive to vibrations and impacts. Great care therefore should be taken when moving and transporting the game machine.
Be sure not to let the machine tip over.

Before moving the machine, be sure to turn OFF the main power switch, unplug the power cord from the receptacle and remove the power cord form the machine.

¥Stepping on or tripping over the power cord may result in an accident or damage to the machine.

Before moving the machine, be sure to fully lift the four levelers and move it on the casters.

¥Otherwise, an accident, breakage or trouble may result.

Do not apply a strong force for moving the machine.

¥Otherwise, it may result in an accident or breakage of the units.

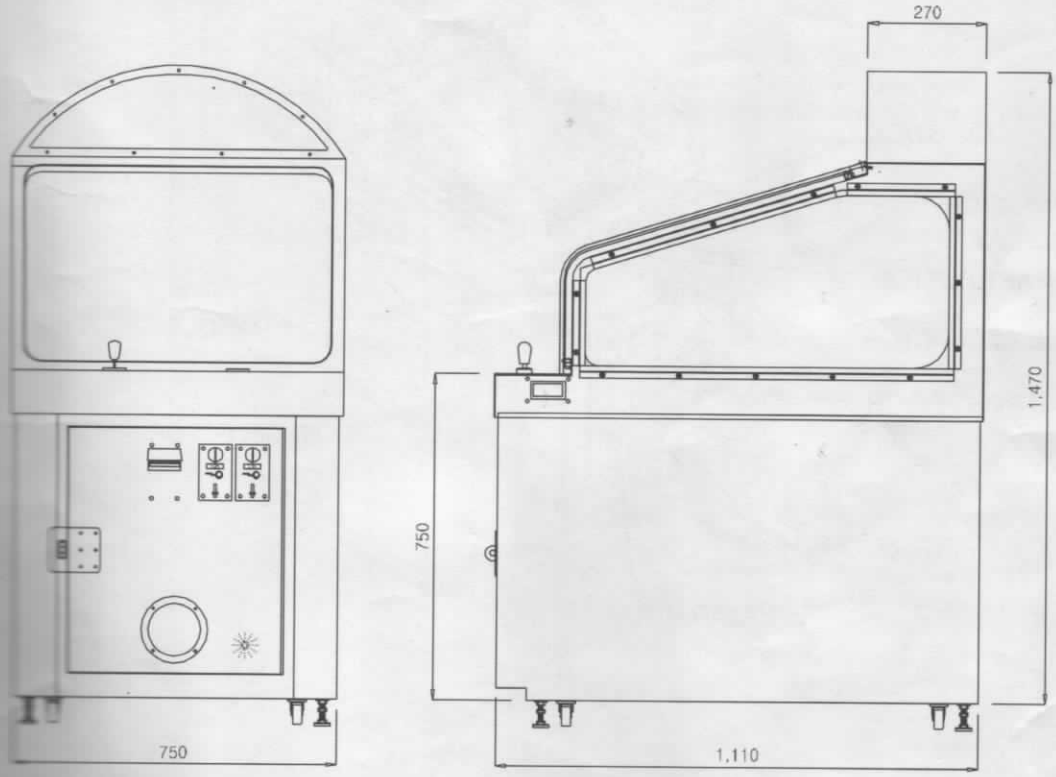
PRECAUTIONS IN HANDLING

¥When setting up, inspecting, maintaining, moving or transporting this product, follow the procedures and instructions set forth in this manual and perform such work safely.

¥Do not set up, handle, inspect, maintain, move or transport this product under conditions equivalent to the condition of "WARNING" or "CAUTION" specified in this manual.

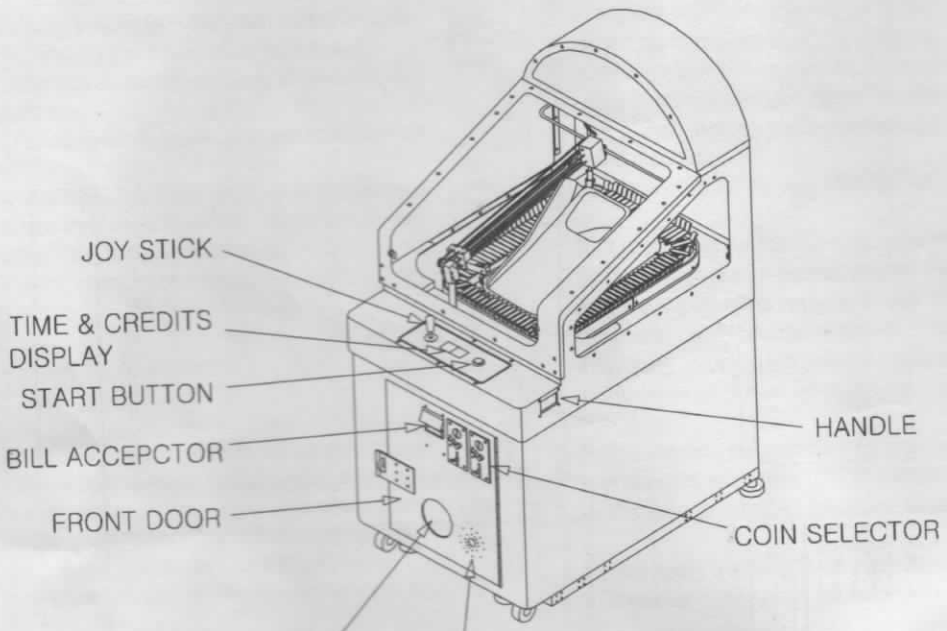
¥If a new owner is to have this product as a result of transfer, etc., be sure to give this manual to the new owner.

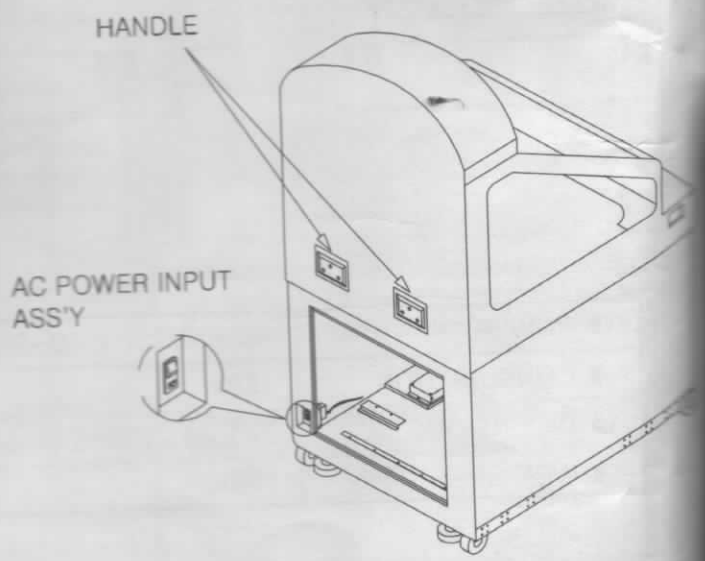
1. Standard and Specifications

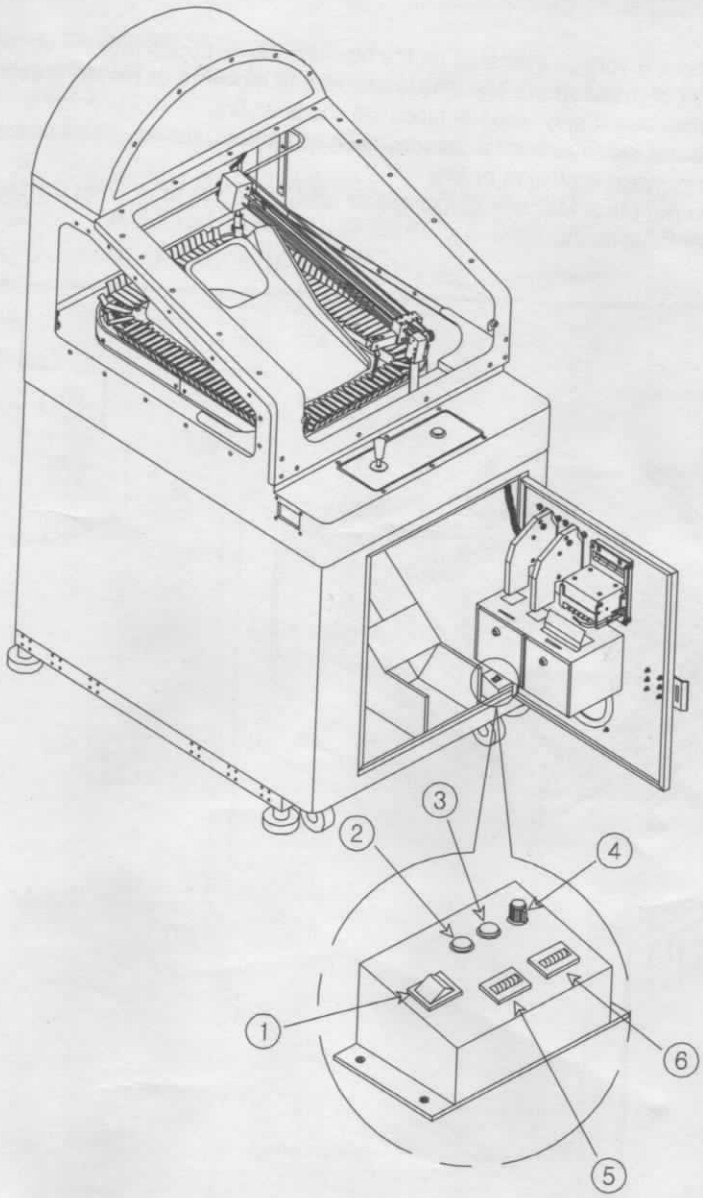


POWER	AC 110/220V, 50~60Hz
CONSUMPTION	130W
DIMENSIONS	745(W)×1085(D)×1425(H) (㎜)
WEIGHT	158㎏

2. Name and Function of Parts





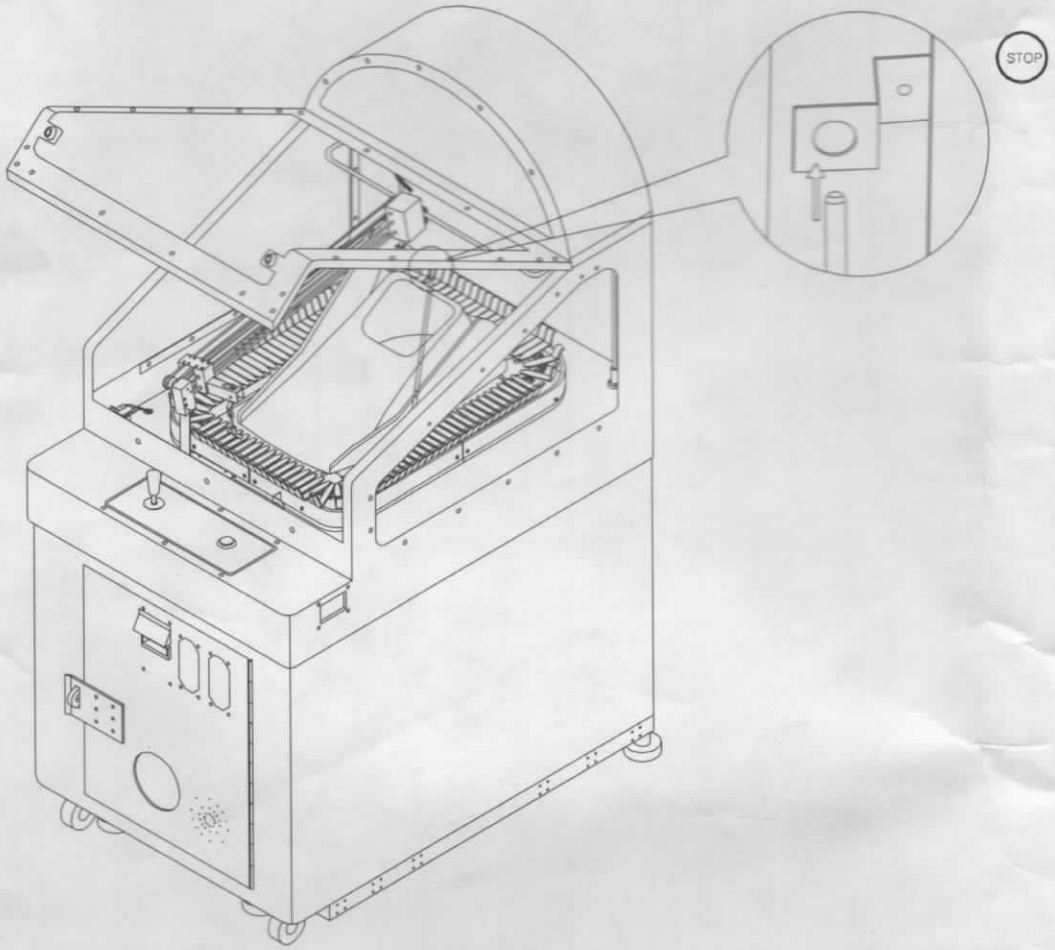


NO	PART NAME	FUNCTION
①	AC POWER SWITCH	Used for Power ON/OFF ("—":ON,"0":OFF)
②	TEST BUTTON SWITCH	Used for testing machines(See Test Mode Page)
③	SERVICE BUTTON SWITCH	Used for increasing credit number without coin
④	VOLUME	Used for controlling VOLUME
⑤	COIN COUNTER	Counting number of COINs
⑥	PRIZE COUNTER	Counting Prize Out in game success

3. Precautions for use

3-1 Before the installation

⚠ - Check if voltage indicated on the Machine corresponds with the voltage supplied.
- Do not install where Machine is exposed to moisture or rain to prevent damage, othwewise it may result in electrical shock or fire.
- Do not install near heat sources(such as heaters, stoves, ···etc) or the inflammables to prevent explosion or fire.
- Do not place Machine at inclined or unstable place to prevent damage or personal injury.



3-2 In case of opening the Top Door

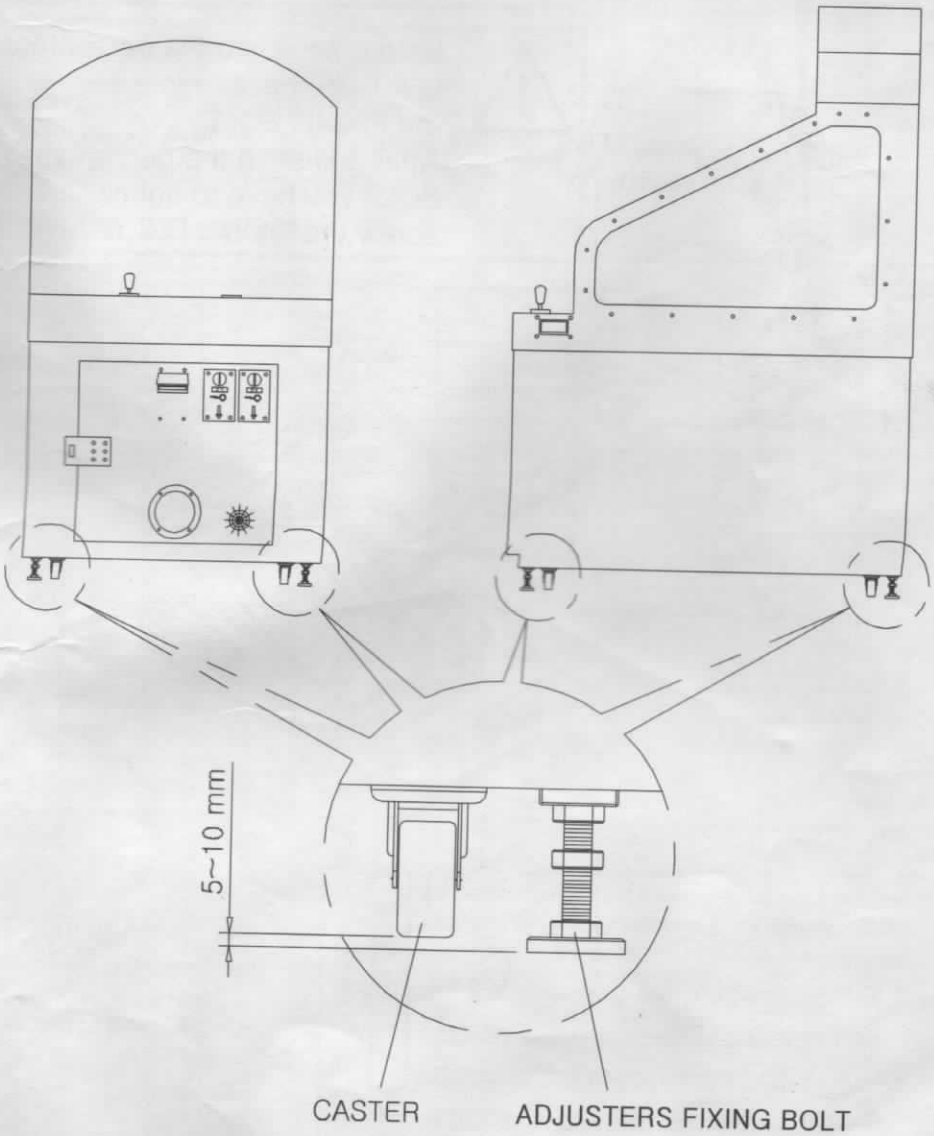
⚠ - Please use the Top Door Spporter when you put the prize capsules or repair the inside.

STOP - If not, it may cause personal injury.

3-3 Notice in Installation

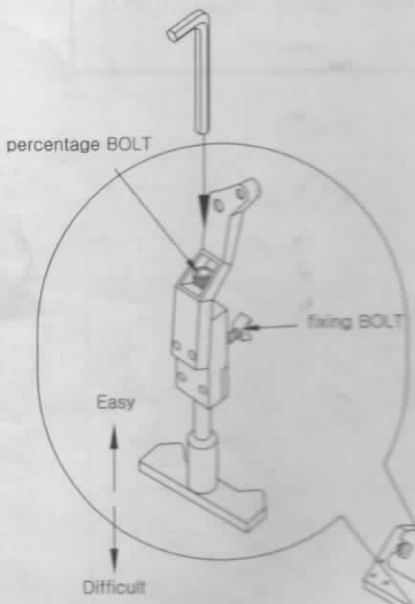
- Set up the location to install the machine.
- Adjust height of machine by loosening ADJUSTERS fixing Bolt until CASTER reach the ground.

> * If you operate this machine without fixing ADJUSTERS fixing BOLT, it can cause an accident or damage to machine.



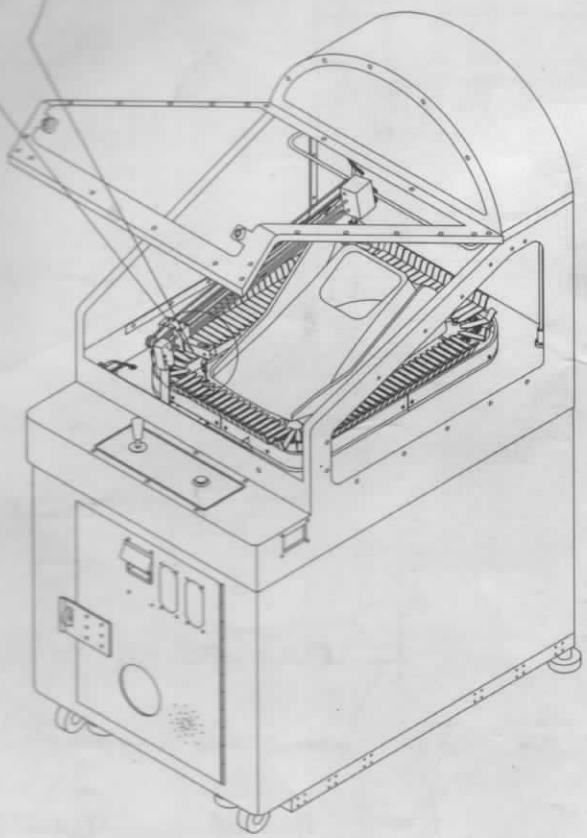
3-4 Adjustment of the winning percentage

The winning percentage of the plater can be adjusted with bolt as shown.
To increase the winning percentage you turn the BOLT clockwise.
To decrease it, you turn the BOLT counterclockwise.



WARNING

Before adjusting the percentage BOLT you have to loose the FIXING BOLT.
After adjusting the percentage BOLT you have to tightly screw the FIXING BOLT.



4. DIP SWITCH & ERROR DESCRIPTION

DIP Switch 1 Description

내 용 \ DIP		1	2	3	4	5	6	7	8
COIN 1, 2	3 Coin 1 Credit	OFF	OFF	OFF					
	1 Coin 1 Credit	ON	OFF	OFF					
	2 Coin 1 Credit	OFF	ON	OFF					
	4 Coin 1 Credit	ON	ON	OFF					
	5 Coin 1 Credit	OFF	OFF	ON					
	1 Coin 1 Credit	ON	OFF	ON					
	1 Coin 1 Credit	OFF	ON	ON					
	FREE PLAY	ON	ON	ON					
PLAY TIME	20 Credit						OFF	OFF	
	15 Credit						ON	OFF	
	25 Credit						OFF	ON	
	30 Credit						ON	ON	
Sensor for door alarm	able								OFF
	disable								ON

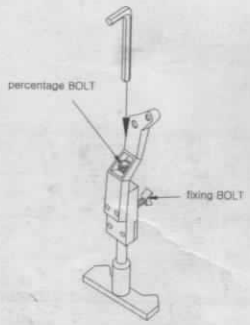
When TOP DOOR is opened under DIP 8 "OFF", the number of PRIZE COUNTER is not changed although prize passes through the prize aisle. DIP 8 enable DOOR ALARM and PRIZE COUNTER "ON"& "OFF".

DIP Switch 2 Description

내 용 \ DIP		1	2	3	4	5	6	7	8
Demonstration	Disable	ON							
AC MOTOR	Working only under demonstration		ON						
Difficlulty Level	Easy					OFF	OFF		
	Normal					ON	OFF		
	Hard					OFF	ON		
	Expart					ON	ON		
Bounus game	disable							OFF	
	able							ON	
Language	Korea								OFF
	Engligh								ON

ERROR Description

FND ON.	rror
01	X-Axis Left Photo Sensor Error
02	X-Axis Right Photo Sensor Error
03	Y-Axis Rear Photo Sensor Error
04	Y-Axis Front Photo Sensor Error

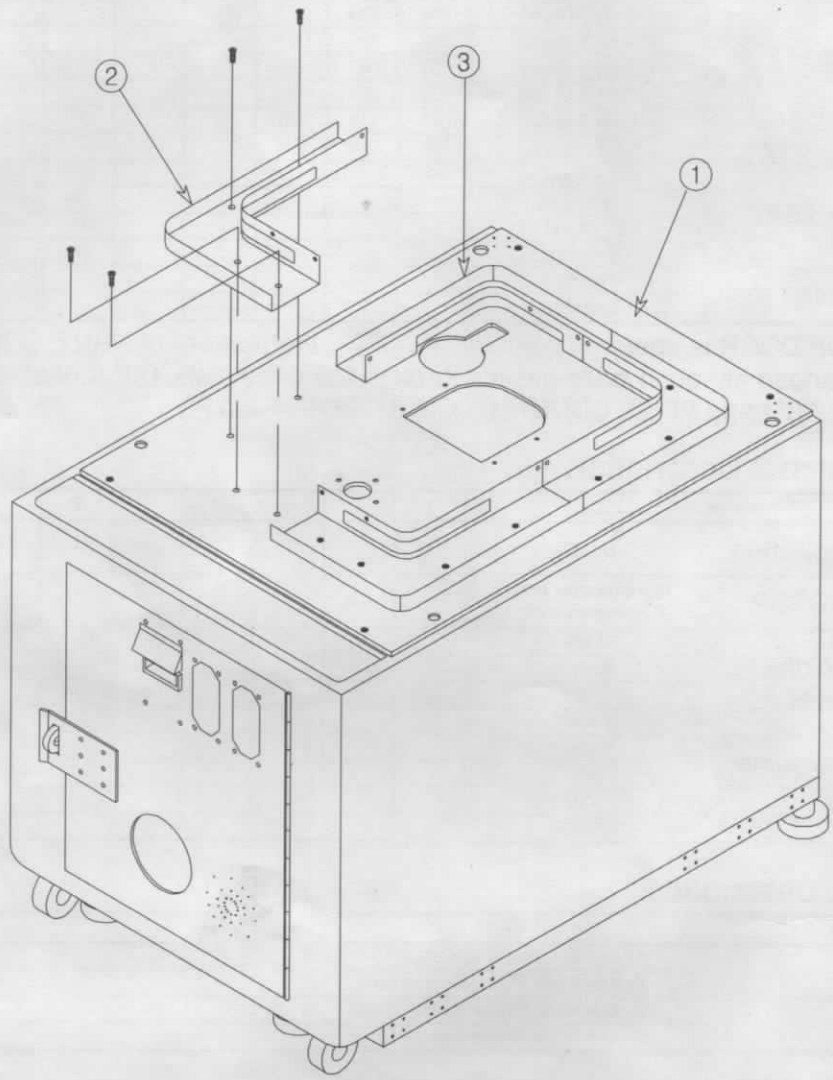


The winning percentage of the player can be adjusted with blot as shown. To inrease the winning percentage you turn the BOLT clockwise, To decrease it, you turn the BOLT counterclockwise.

[note]Before adjusting the percentage BOLT you have to loose the FIXING BOLT. After adjusting the percentage BOLT you have to tightly fasten the FIXING BOLT.

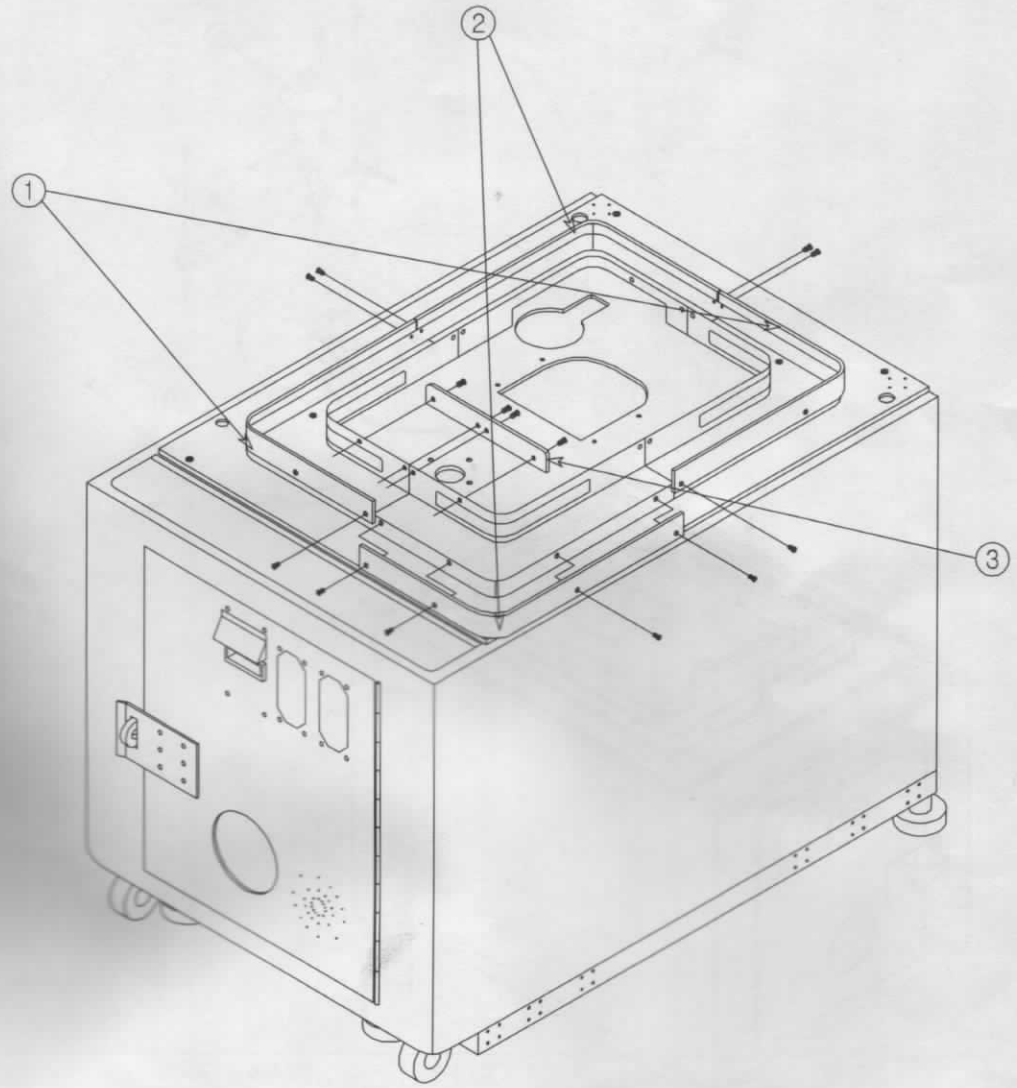
5. Assembly Drawing & Parts

5-1 Attach Chain Guide to Base Plate



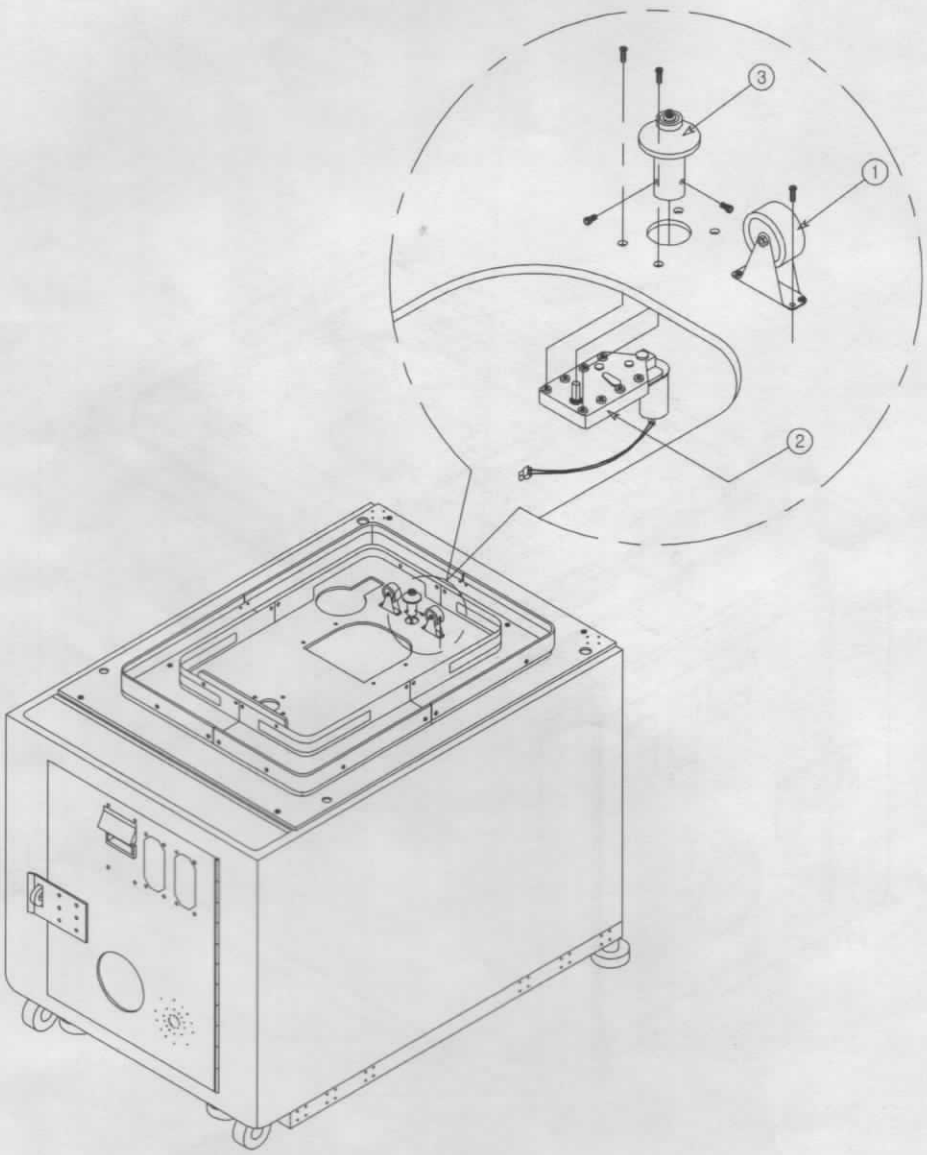
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	BASE PLATE	M02012-001A	1	SPC 6T
②	ROUND GUIDE-A	M02014-006A	2	
③	ROUND GUIDE-B	M02014-017A	2	

5-2 Attach acryl to Chain guide



NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	GUIDE ACRYL-A	M02012-001A	2	
②	GUIDE ACRYL-B	M02014-016A	2	
③	GUIDE ACRYL-C	M02014-017A	1	

5-3 Attach two wheel to Base Plate

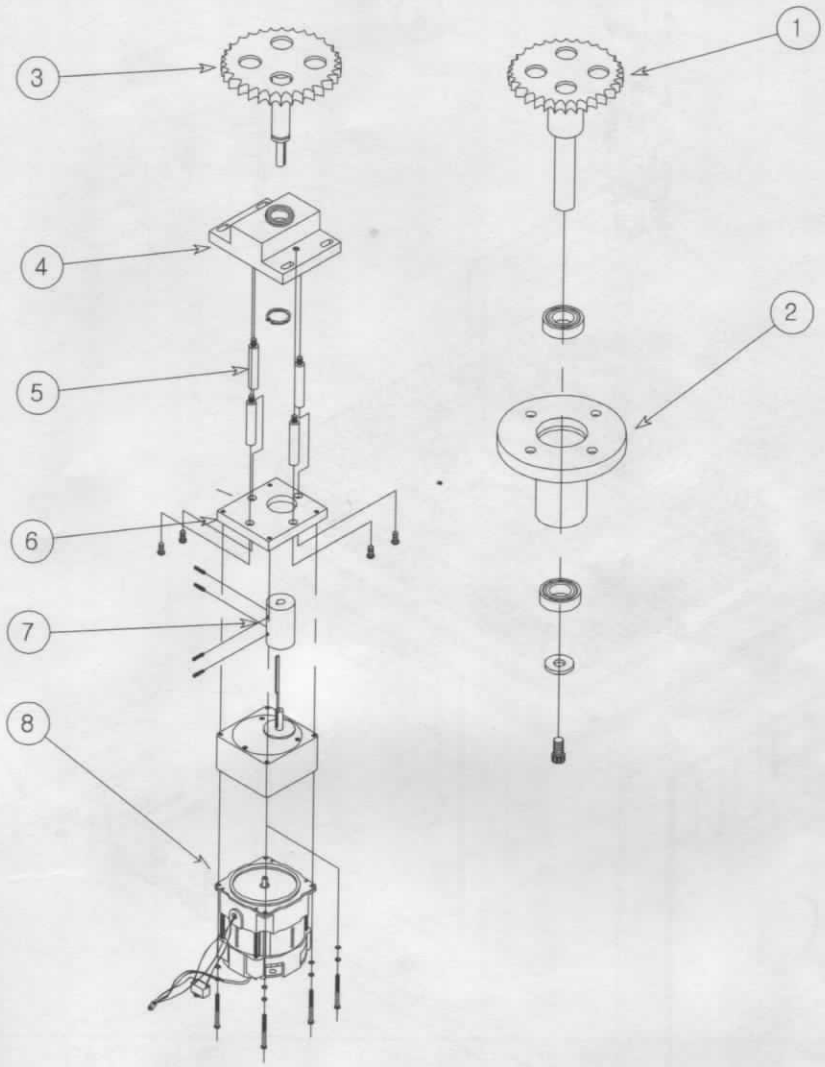


NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	CASTER	M06001-001A	2	2.5″
②	MOTOR	A08001-022A	1	KGE-083-3448D
③	CAM ASS'Y	AM01-MDGS08A	1	

5-4 Sprocket Assembly

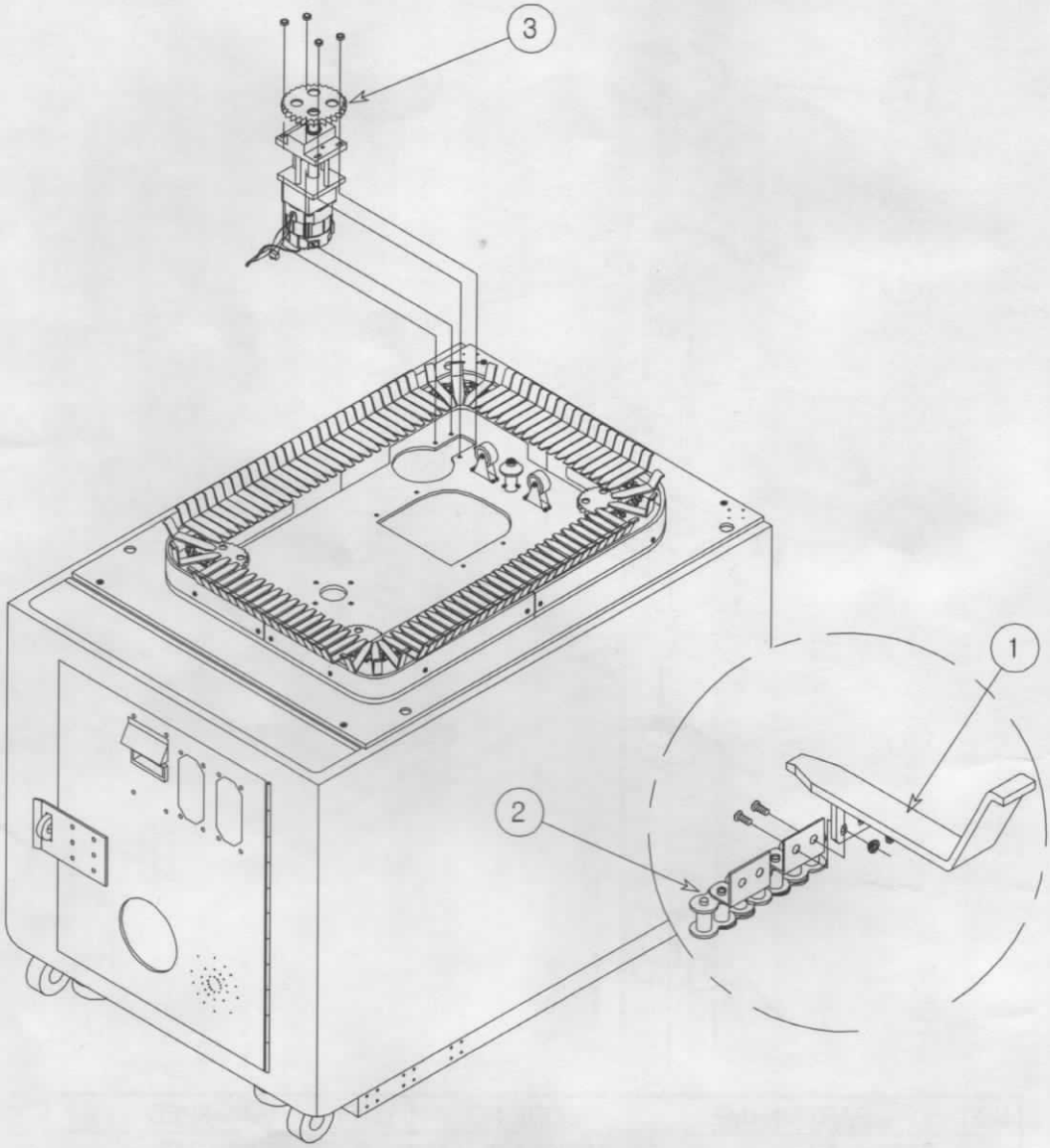
Maintenance Part (1ea)

Supporting Part (3ea)



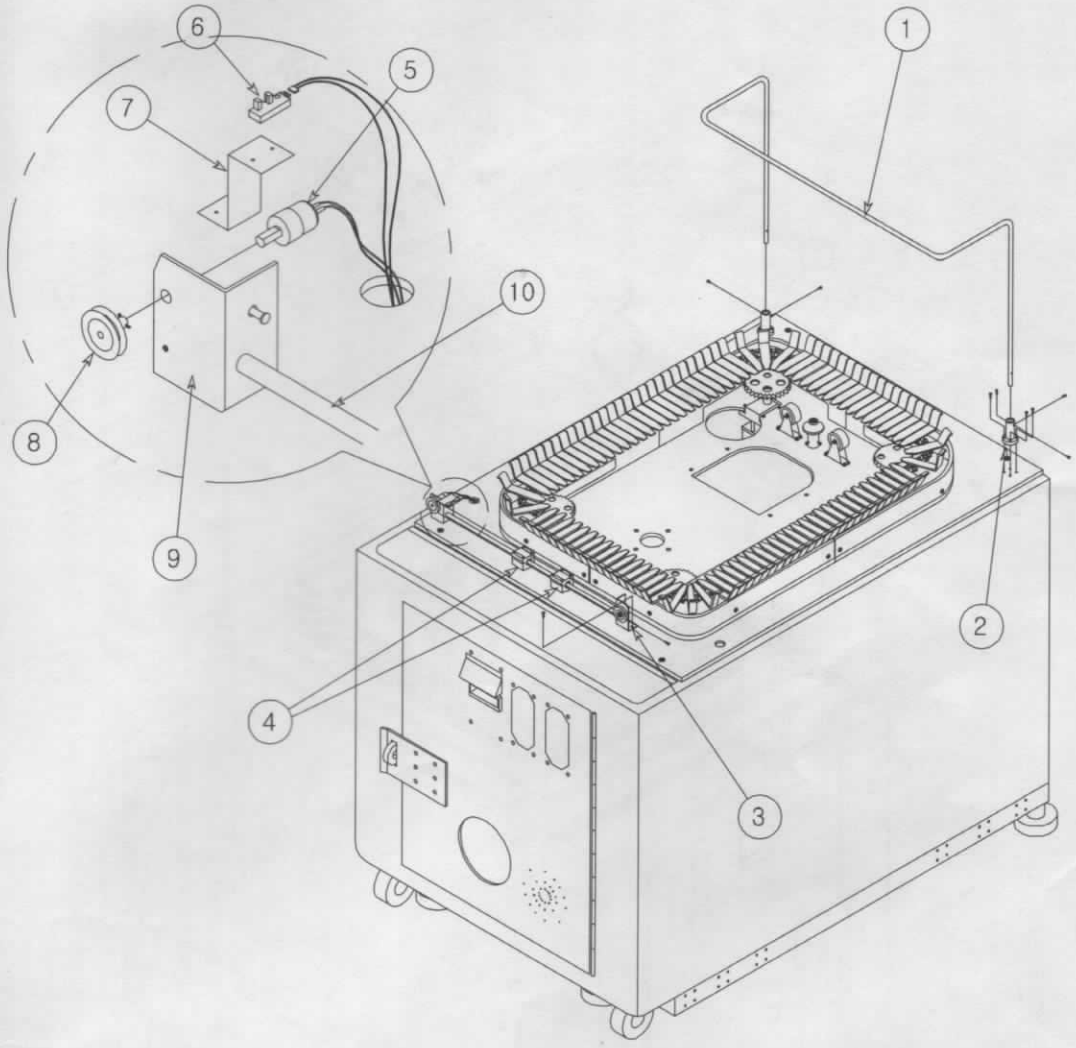
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	SPROCKET	M03014-001A	3	RS50×24T
②	BEARING HOUSING	M03014-002A	3	
③	MAIN SPROCKET	M03014-003A	1	RS50×24T
④	MAIN BEARING BLOCK	M03014-004A	1	
⑤	BLOCK CURRENT PIN	M03014-006A	4	
⑥	MAIN SPROCKET PLATE	M03014-005A	1	
⑦	COUPLING	M03014-007A	1	
⑧	MOTOR	A08001-019A	1	AC

5-5 Rotating Plate and Main Sprocket Assembly



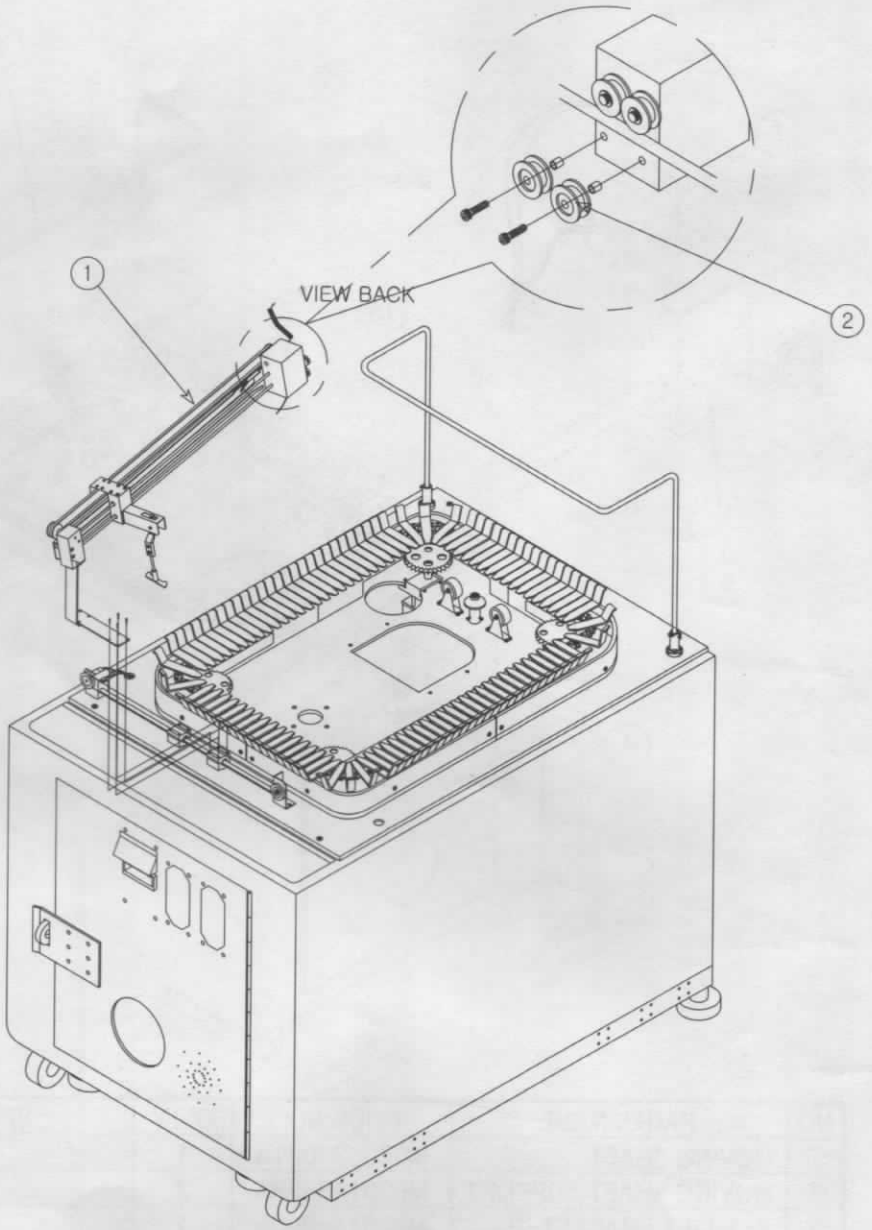
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	ROTATE PLATE	C03014-002B	64	
②	CHAIN	M10004-004A	1	RS50-128
③	MAIN SPROCKET ASS'Y	AM01-MDGS07A	1	

5-6 X-Axis Motor Assembly



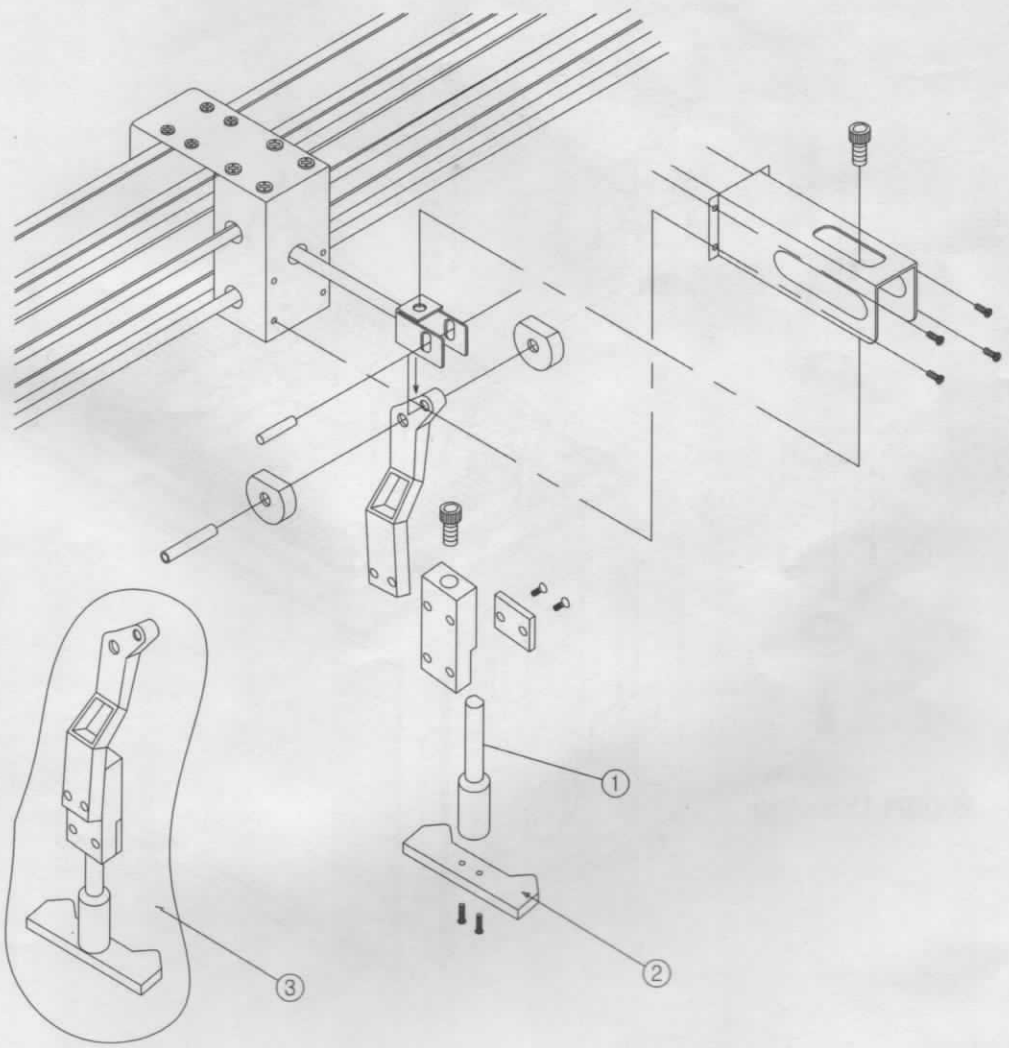
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	MOVING SHAFT	M08002-001A	1	
②	MOVING SHAFT SUPPORT	M03014-029A	2	
③	X-SHAFT BRACKET-R	M02014-020A	1	
④	LM BEARING	M05003-004A	2	SC16UUS
⑤	MOTOR	A08001-022A	1	KGE-083-3448D
⑥	PHOTO SENSOR	E11001-010A	2	LG-217L3
⑦	X-SENSOR BRACKET-L	M02014-035A	1	
⑧	X-ROLLER-A	M03014-031A	1	
⑨	X-SHAFT BRACKET-L	M02014-019A	1	
⑩	X-SHAFT	M03014-030A	1	

5-7 Arm Ass' y Assembly



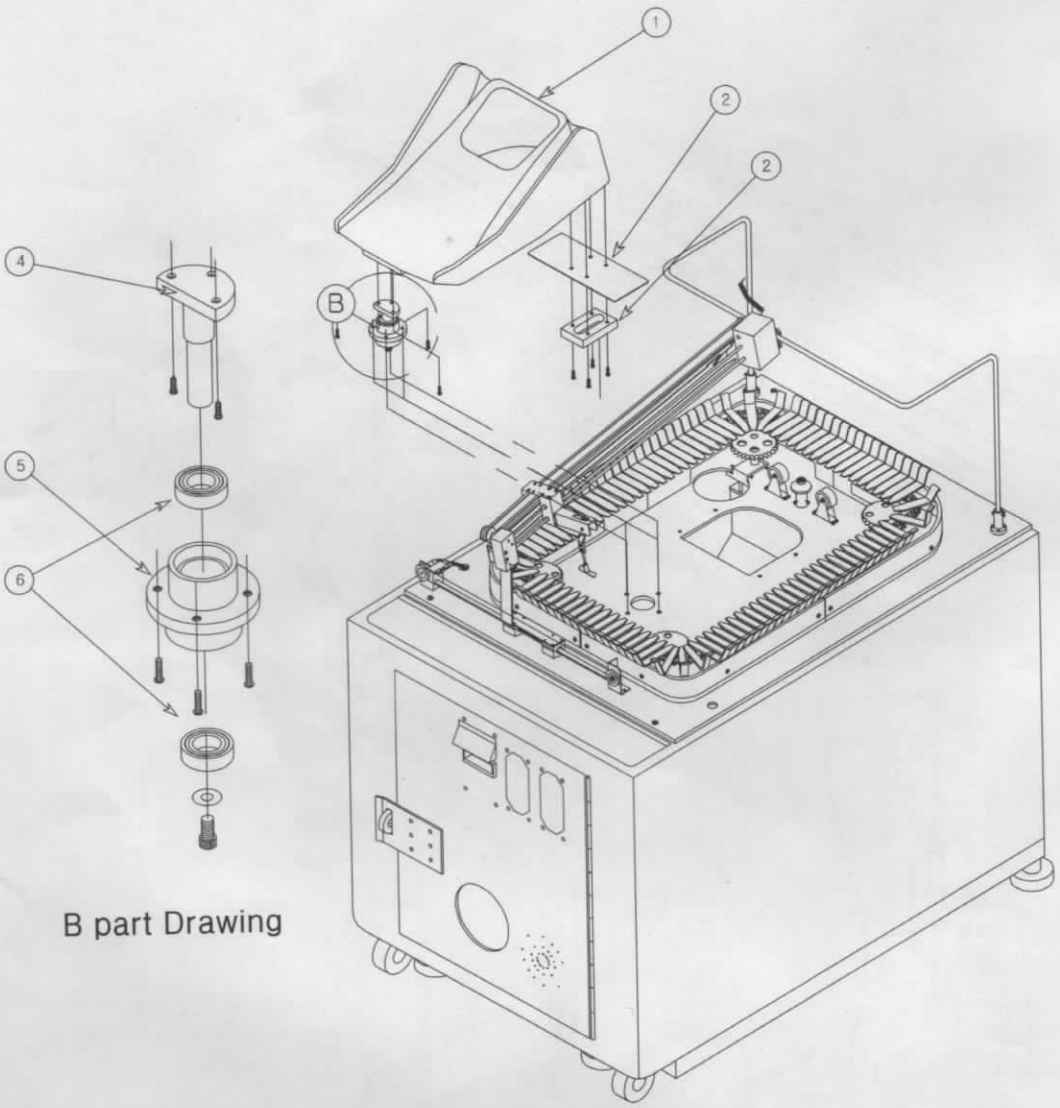
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	ARM ASS'Y	AM01-MDGS10A	1	
②	X-GUIDE ROLLER	M02014-027A	4	

5-8 Arm Drawing



NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	FINGER SHAFT	M03014-019A	1	
②	FINGER TIP	C04012-001A	1	
③	FINGER ARM ASS'Y	AM02-MDGS18A	1	

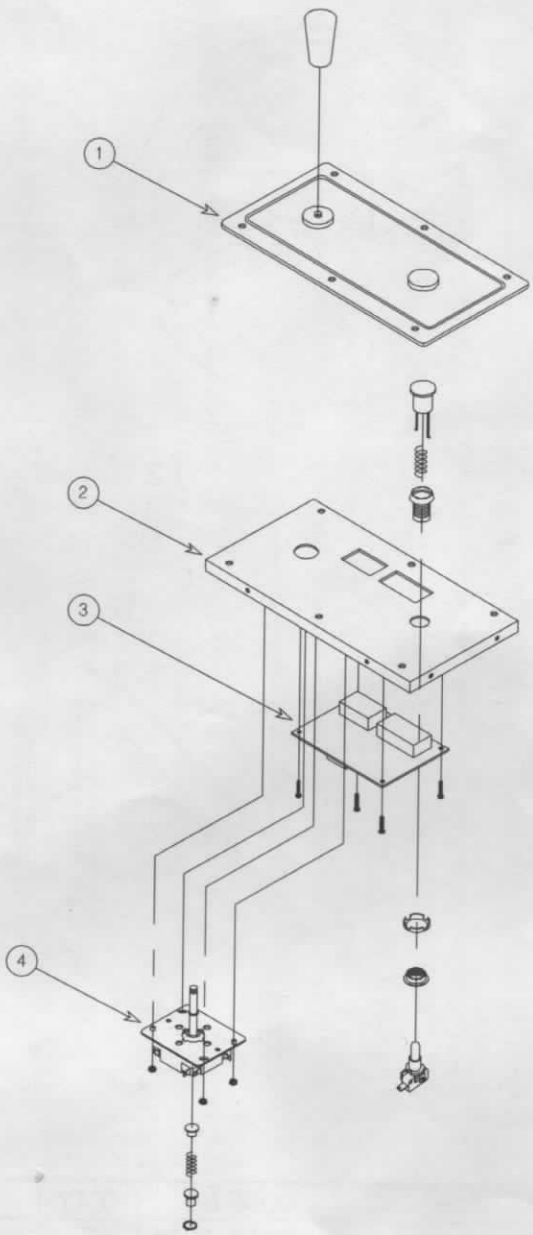
5-9 Vibration Assembly



B part Drawing

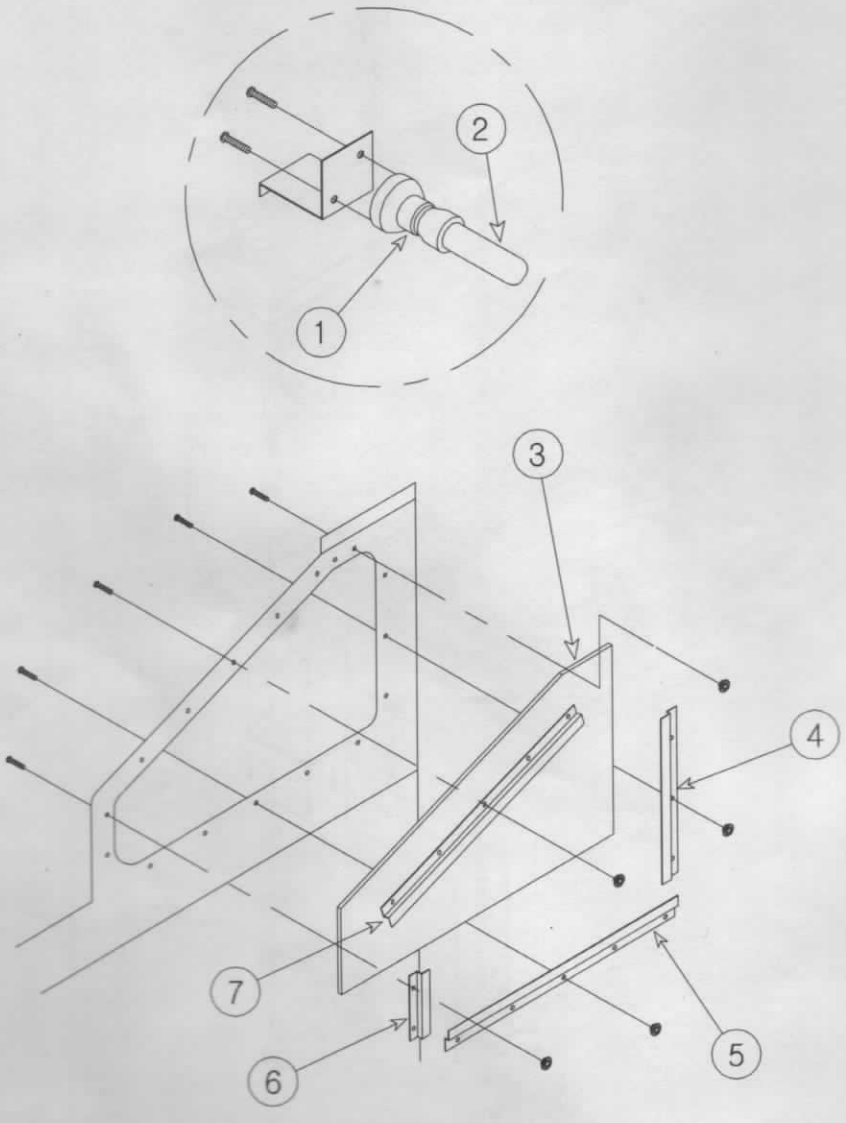
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	VIBRATION ASS'Y	AM01-MDGC01A	1	ABS
②	VIBRATION GUIDE PLATE	M02014-021A	1	
③	VIBRATION GUIDE BLOCK	M03014-033A	1	
④	VIBRATION SHAFT	M03014-009A	1	
⑤	BEARING HOUSING	M03014-002A	1	
⑥	BEARING	M05001-009A	2	

5-10 Button Plate Assembly



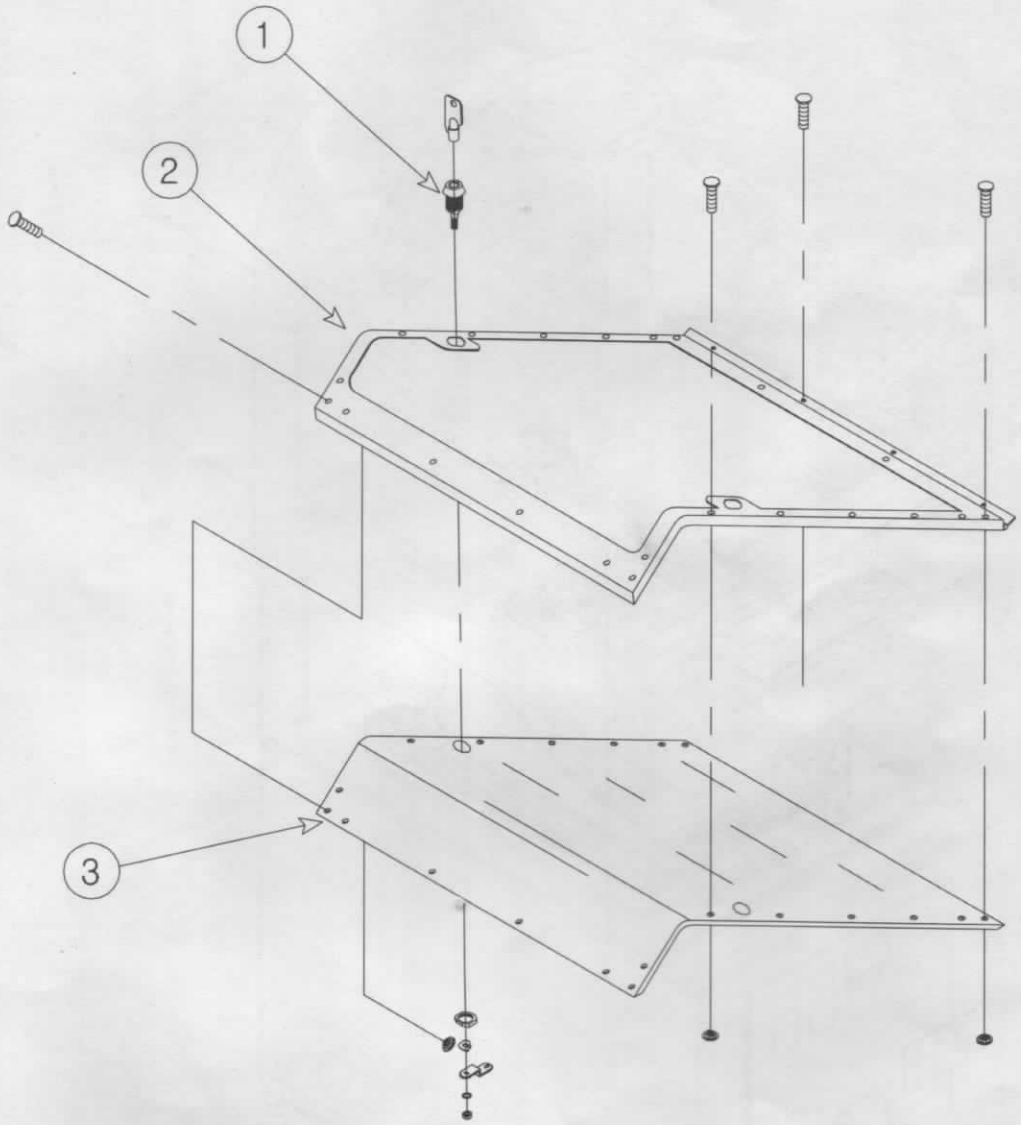
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	WATER LOCK RUBBER	C03003-001A	1	
②	FND BRACKET	M02014-005A	1	
③	FND PCB ASS'Y	AM01-MDGS05A	1	
④	JOY STICK	C03000-019A	1	

5-11 Front acryl and Lamp Assembly



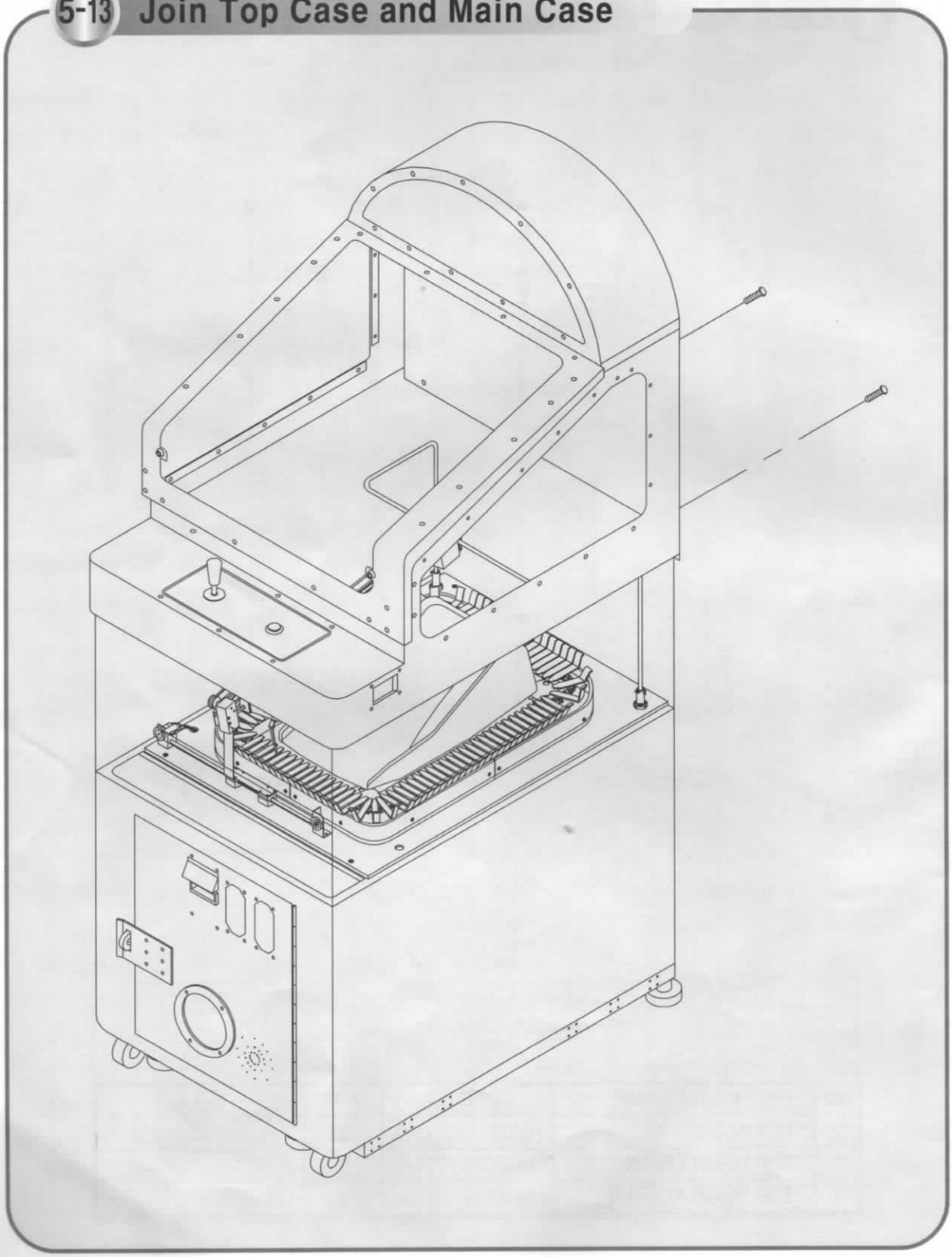
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	AC RECEPTACLE	A28000-002A	2	
②	LAMP	A05002-001A	2	AC 110V/220V
③	SIDE GLASS	C05014-001A	2	8T
④	GLASS FIXING BRACKET-B	M02014-012A	2	
⑤	GLASS FIXING BRACKET-C	M02014-013A	2	
⑥	GLASS FIXING BRACKET-A	M02014-011A	2	
⑦	GLASS FIXING BRACKET-D	M02014-014A	2	

5-12 Top door and Key Assembly

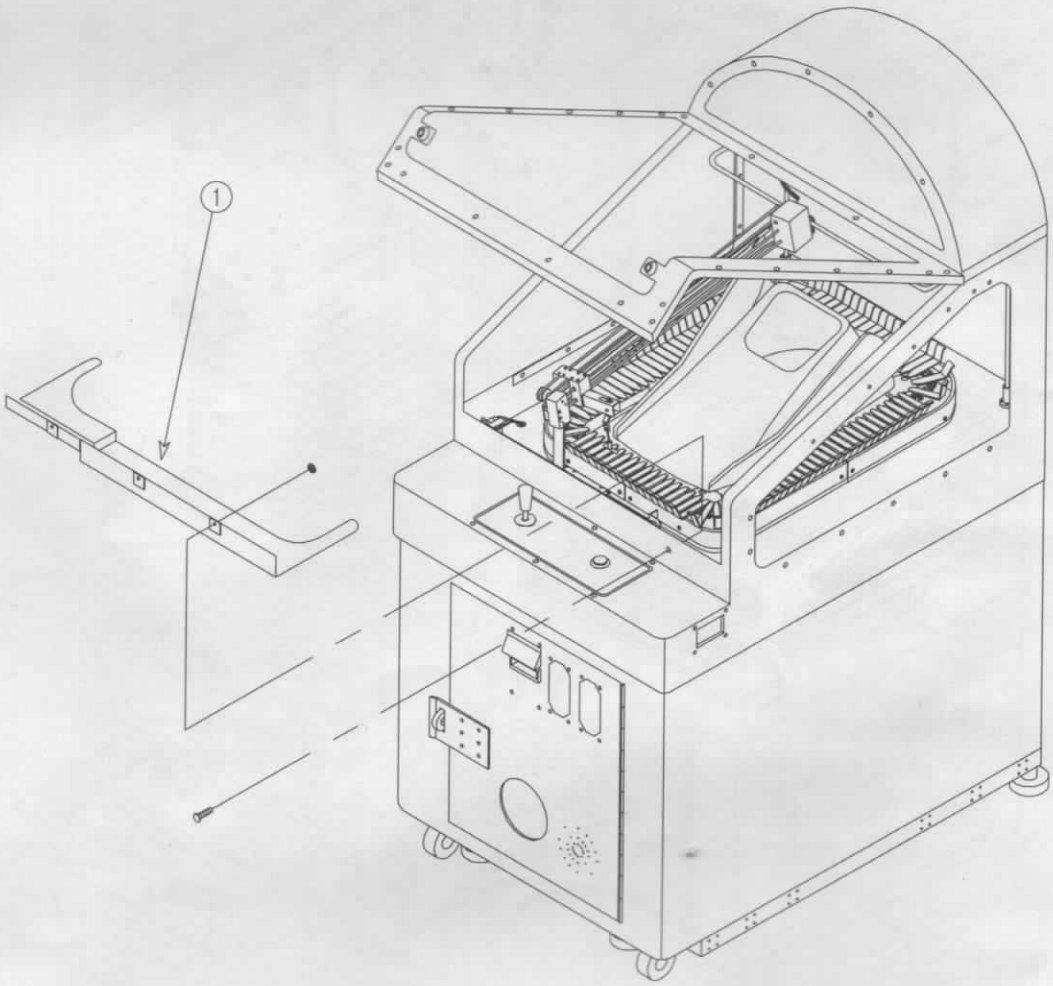


NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	KEY ASS'Y	AM01-ZZZS01A	2	
②	TOP DOOR FRAME	M02014-004A	1	
③	TOP DOOR ACRYL	C04014-001A	1	8T

5-13 Join Top Case and Main Case

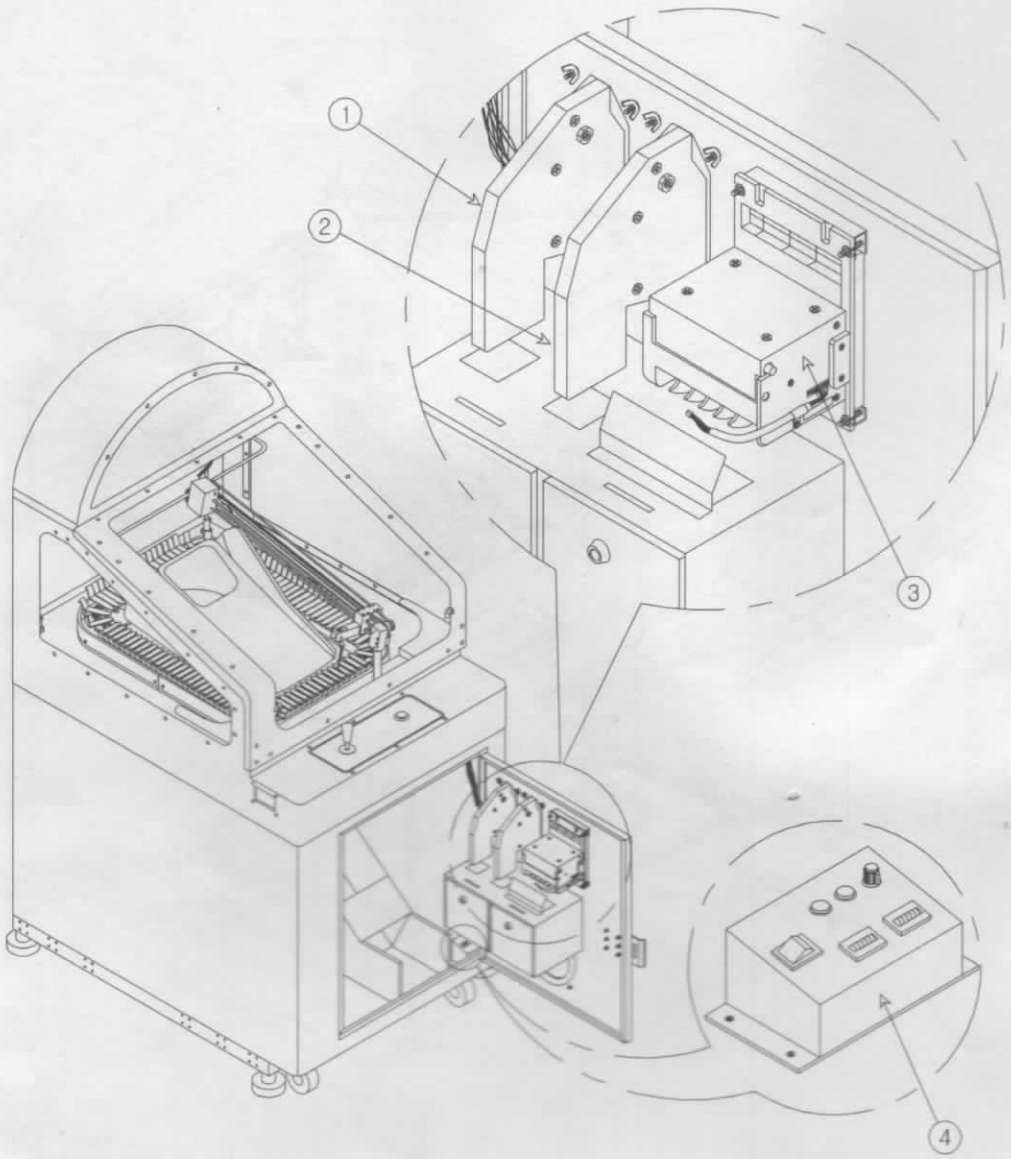


5-14 X-Axis Cover Plate Assembly



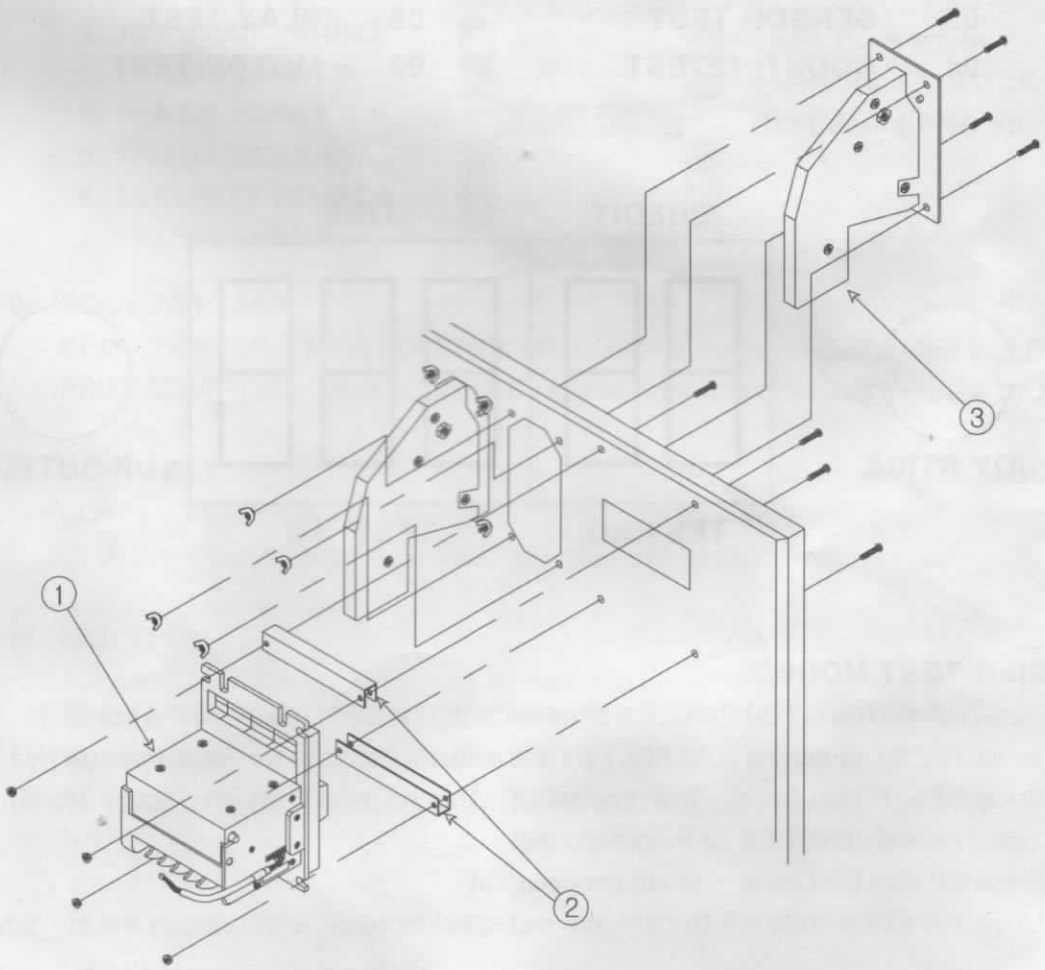
NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	X-COVER BRACKET	M02014-006A	1	

5-15 Coin Door Drawing



NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	COIN SELECTOR	M00000-001A	1	
②	COIN SELECTOR	M00000-002A	1	
③	BILL ACCEPTOR	A11000-001A	1	
④	AC POWER SWITCH BRACKET	M02014-022A	1	

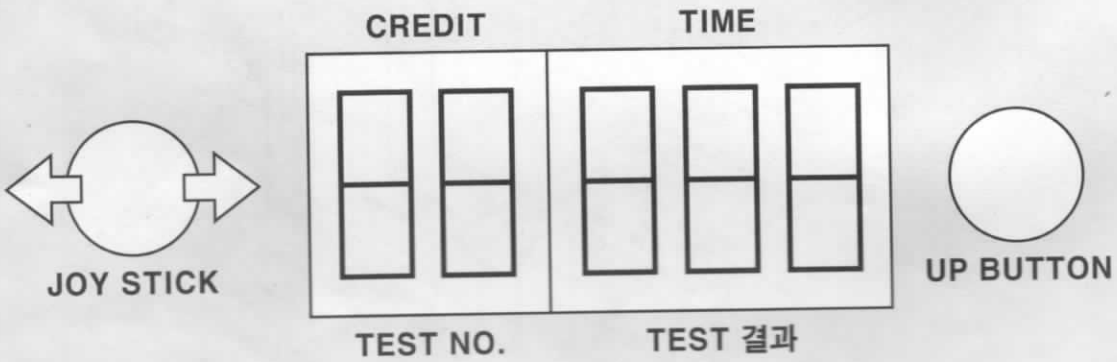
5-16 Coin Selector and Bill acceptor Assembly Drawing



NO	PARTS NAME	CODE NO.	Q'TY	SPEC
①	BILL ACCEPTOR	A11000-001A	1	
②	BILL ACCEPTOR BRACKET	M02000-007A	2	
③	COIN SELECTOR	M00000-002A	1	

6. TEST MODE

00	TEST END	05	COIN TEST
01	KOREA PCM TEST	06	FND TEST
02	ENGLISH PCM TEST	07	AUTO TEST
03	SENSOR TEST	08	PLAY TEST
04	COUNTER TEST	09	MOTOR TEST



A. Start TEST MODE

Press TEST BUTTON of TEST PANEL, it is converted to TEST MODE (CREADIT "01" is indicated)
Select Test No. by moving JOYSTICK right and left(Left: Decrease No. Right: Increase No.)
Press UP BUTTON Once -Selecting MODE (Test no. blinks when selecting Mode)
Test by using JOYSTICK or automatic test
Press UP BUTTON once - mode cancellation
Move JOYSTICK from left to right, no. increase/decrease according to the movement

00. TEST END

Converting to Game Mode from TEST MODE

01. KOREA PCM TEST

Showing Korean language - can produce 1-14 sounds (Use JOYSTICK)

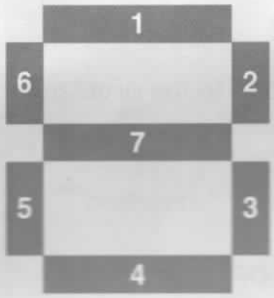
02. ENGLISH PCM TEST

Showing English - can produce 1-14 sounds (Use JOYSTICK)

03. SENSOR TEST

X-axis LEFT, Y-axis UP and DOWN, security sensor, price sensor, and JOYSTICK Light and Left S/W. (When turning on Sensor or SW, Check no. and sensor no. will be indicated.

1. JOY STICK-LEFT
2. JOY STICK-RIGHT
3. X-AXIS LEFT SW
4. Y-AXIS FRONT SW
5. Y-AXIS REAR SW
6. SECURITY SENSOR
7. PRIZE SENSOR



Light them when checking JOYSTICK right using BAR no. 2

04. COUNTER TEST

COIN COUNTOR - Move JOYSTICK left to right a number will increase by 1.
PRIZE COUNTOR - Move JOYSTICK right to right a number will increase by 1.

05. COIN TEST

COIN 1 - Input coin 3 times, 1 CREDIT plus (insert coin directly)
COIN 2 - Input coin 1 times, 1 CREDIT plus (insert coin directly)

06. FND TEST

A dot will be displayed according to each FND.

07. AUTO TEST

Counted on Prize circulating MOTOR and automatically moving TEST FND of X,Y MOTOR arms

08. PLAY TEST

Free play like on Game Mode.

09. MOTOR TEST

AC MOTOR.VIBRATION MOTOR TEST

ERROR NO

NO	CONTENTS
E1	X-asix Left Limit S/W Error
E2	X-asix Right Limit S/W Error
E3	Y-asix Front Limit S/W Error
E4	Y-asix Near Limit S/W Error

7. TROUBLE SHOOTING

00 ERROR NO. ERROR
Errors occur in E1-E4 (Check mainly 06,09)

01 POWER DOWN
Poor VAC, VDC due to the problem of power supply

02 AC LAMP ERROR
Poor AC LAMP and connection

03 MAIN PCB ERROR
Errors in partial or overall operation of the device

04 SMPS ERROR
Poor 12VDC (MOTOR, SENSOR, SWITCH), 5VDC (PCB)

05 SOUND ERROR
Poor volume controller and NOISE and NO SOUND

06 SENSOR & SWITCH ERROR
Poor motion sensor of each part

07 COUNTER & COIN MACHINE ERROR
Poor management of PRIZE OUT and COIN IN and COIN SWITCH.

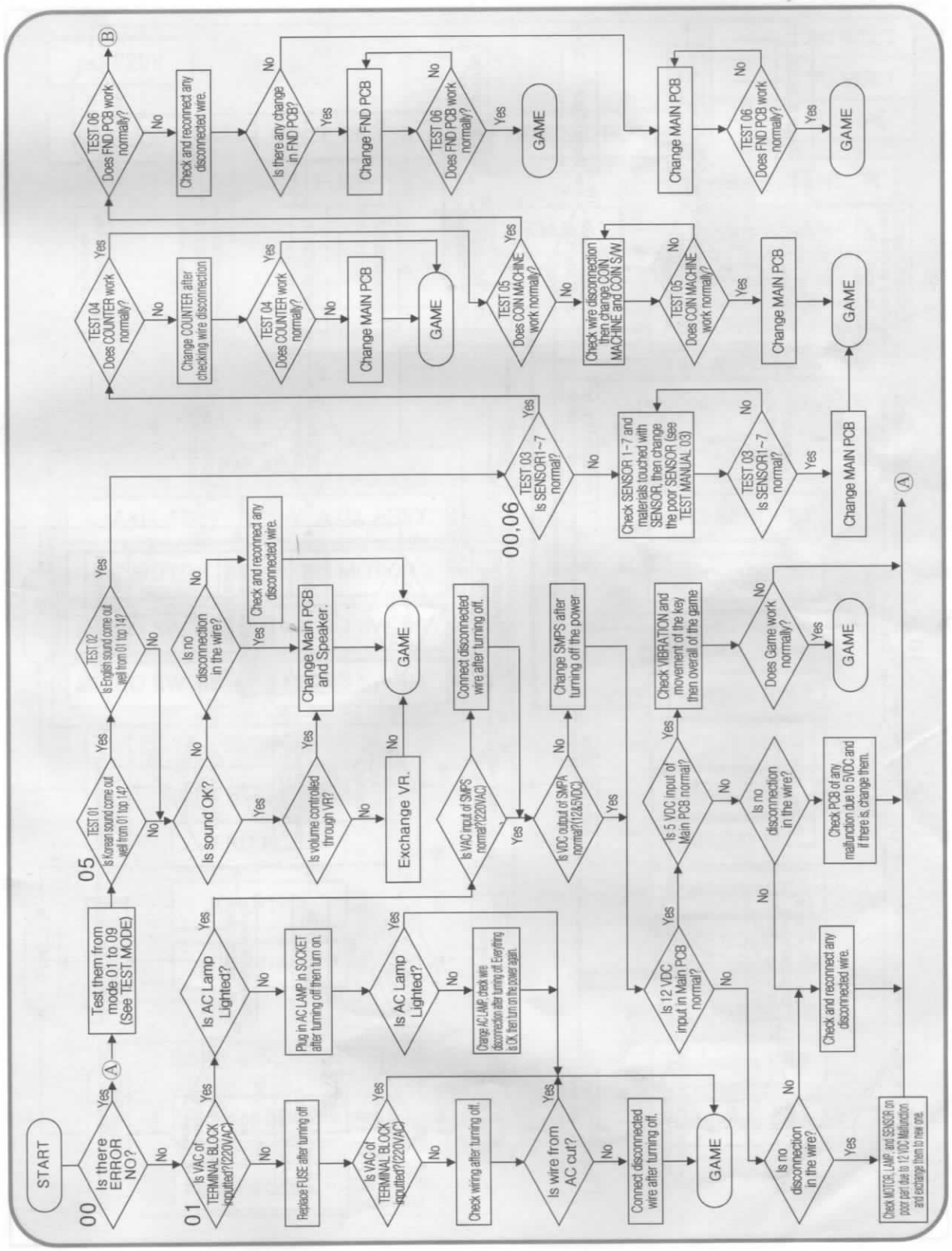
08 FND PCB ERROR
Poor FND number indication.

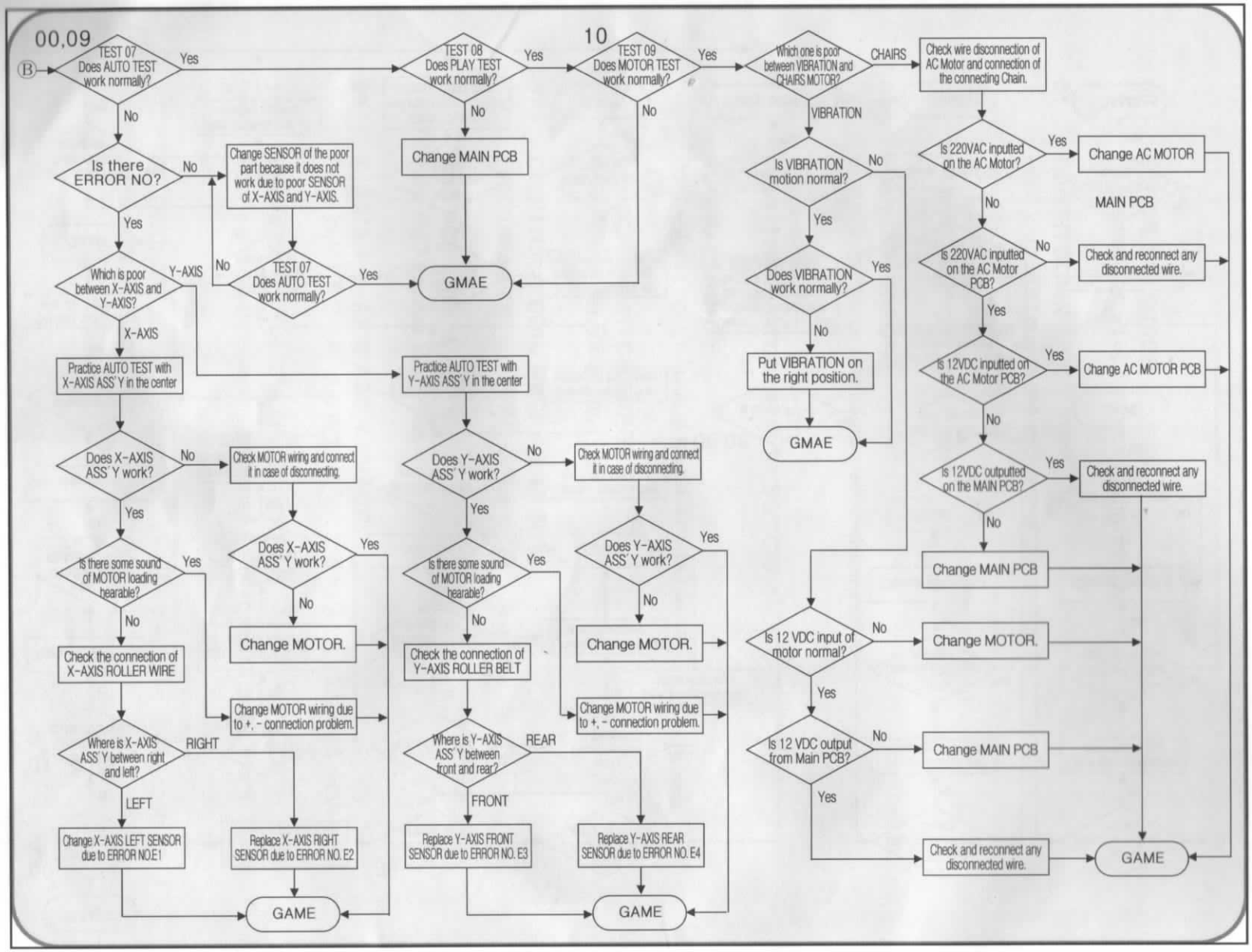
09 X-AXIS & Y-AXIS ASS´Y ERROR
Error in MAIN GAME due to right/left and forward/afterward movement

10 VIBRATION & CHAIRS MOTOR ERROR
Poor game level controller and prize transfer due to game block

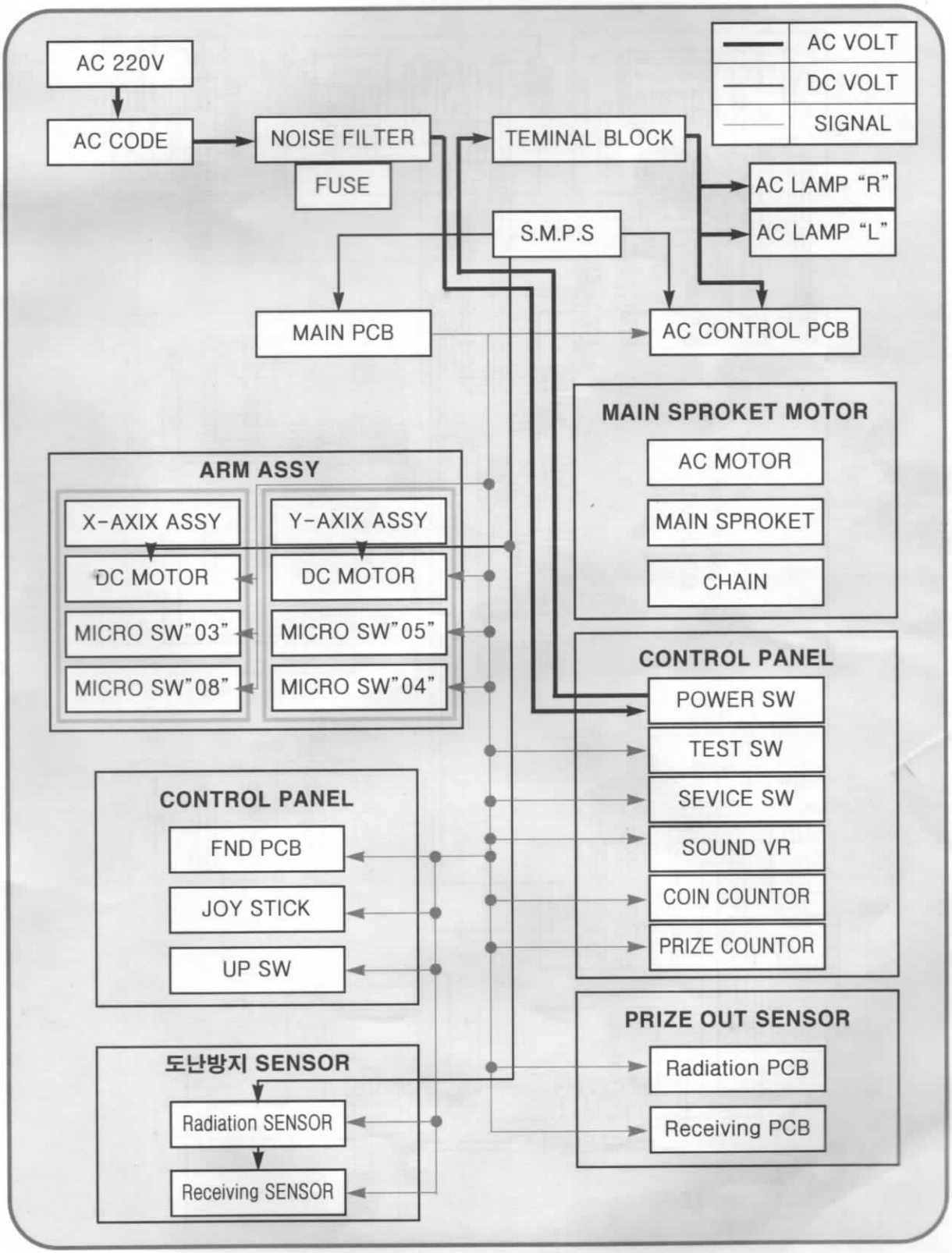
* Check FLOWCHART according to the NO. in accord with the above contents, if it does not work, start again from the beginning.

7-1. TROUBLE SHOOT FLOWCHART

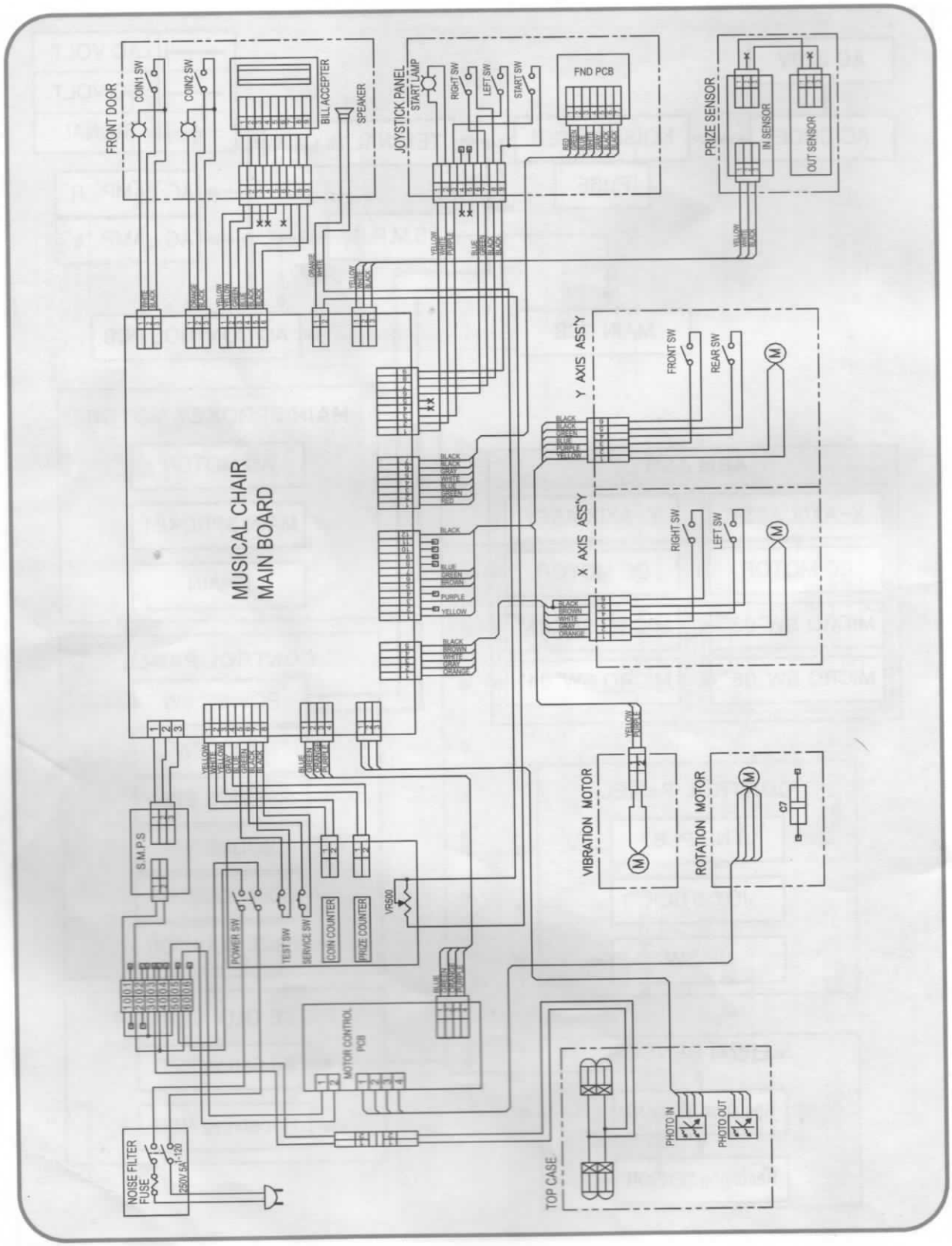



00,09
10
B
TEST 07 Does AUTO TEST work normally?
Yes
No
TEST 08 Does PLAY TEST work normally?
TEST 09 Does MOTOR TEST work normally?
Which one is poor between VIBRATION and CHAIRS MOTOR?
CHAIRS
VIBRATION
Check wire disconnection of AC Motor and connection of the connecting Chain.
Is there ERROR NO?
Change SENSOR of the poor part because it does not work due to poor SENSOR of X-AXIS and Y-AXIS.
Change MAIN PCB
Is VIBRATION motion normal?
Is 220VAC inputted on the AC Motor?
Change AC MOTOR
MAIN PCB
Which is poor between X-AXIS and Y-AXIS?
Y-AXIS
X-AXIS
GMAE
Does VIBRATION work normally?
Put VIBRATION on the right position.
Is 220VAC inputted on the AC Motor PCB?
Check and reconnect any disconnected wire.
Is 12VDC inputted on the AC Motor PCB?
Change AC MOTOR PCB
Is 12VDC outputted on the MAIN PCB?
Check and reconnect any disconnected wire.
Change MAIN PCB
Practice AUTO TEST with X-AXIS ASS'Y in the center
Practice AUTO TEST with Y-AXIS ASS'Y in the center
Does X-AXIS ASS'Y work?
Check MOTOR wiring and connect it in case of disconnecting.
Does Y-AXIS ASS'Y work?
Is there some sound of MOTOR loading hearable?
Change MOTOR.
Check the connection of X-AXIS ROLLER WIRE
Check the connection of Y-AXIS ROLLER BELT
Change MOTOR wiring due to +, - connection problem.
Is 12 VDC input of motor normal?
Is 12 VDC output from Main PCB?
Where is X-AXIS ASS'Y between right and left?
RIGHT
LEFT
Where is Y-AXIS ASS'Y between front and rear?
REAR
FRONT
Change X-AXIS LEFT SENSOR due to ERROR NO.E1
Replace X-AXIS RIGHT SENSOR due to ERROR NO. E2
Replace Y-AXIS FRONT SENSOR due to ERROR NO. E3
Replace Y-AXIS REAR SENSOR due to ERROR NO. E4
GAME

8. BLOCK DIAGRAM



9. Wiring Diagram



Memo

10. Jonia

Fr. CW choi "Use this manual."

2002.06.21

"ERROR 20 at MUSICAL CHAIRS"

MALDDONGURI DIP SW1 Description

DIP		DIP1	DIP2	DIP3	DIP4	DIP5	DIP6	DIP7	DIP8
Coin1,Bill 100₩	3Coin 1Credit	OFF	OFF	OFF					
	1Coin 1Credit	ON	OFF	OFF					
	2Coin 1Credit	OFF	ON	OFF					
	4Coin 1Credit	ON	ON	OFF					
	5Coin 1Credit	OFF	OFF	ON					
	1Coin 2Credit	ON	OFF	ON					
	1Coin 3Credit	OFF	ON	ON					
	Free Play	ON	ON	ON					
Coin2 500₩	1Coin 2Credit				OFF	OFF			
	1Coin 1Credit				ON	OFF			
	1Coin 3Credit				OFF	ON			
	1Coin 5Credit				ON	ON			
Play Time	20초						OFF	OFF	
	15초						ON	OFF	
	25초						OFF	ON	
	30초						ON	ON	
Alert Sensor	Use								OFF
	Unuse								ON

말똥구리 DIP SW2 Description

내용 / DIP		DIP1	DIP2	DIP3	DIP4	DIP5	DIP6	DIP7	DIP8
Demo시 Arm 동작	ON	OFF							
	OFF	ON							
Demo시 AC Motor	계속 ON		OFF	OFF					
	ON/OFF		ON	OFF					
	계속 OFF		OFF	ON					
			ON	ON					
Difficulty	Easy					OFF	OFF		
	Normal					ON	OFF		
	Hard					OFF	ON		
	Expert					ON	ON		
Reel Game	미사용 (use)							OFF	
	사용 (unuse)							ON	
Language	Korean								OFF
	English								ON

언어를 영어로 선택시 Coin2용인 DIP14,DIP15는 사용하지 않고 Coin1,Bill DIP설정과 동일

Error No.	Description
1	Error X Left Limit SW
2	Error X Right Limit SW
3	Error Y Front Limit SW
4	Error Y Near Limit SW
11	Ticket Error
12	Prize Output Error
13	Prize Input Error
20	EEPROM Error